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Thomas a Edison Papers

A SELECTIVE MICROFILM EDITION

PART IV (1899–1910)

Thomas E. Jeffrey Lisa Gitelman Gregory Jankunis David W. Hutchings Leslie Fleids Theresa M. Coilins Gregory Field Aldo E. Salerno Karen A. Detig Lorie Stock

Editors

Robert Rosenberg Director and Editor

Discovor und Editor

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Edison Portland Cement Company Records Stockholders and Directors Minutes (1920-1925)

This volume contains minutes of meetings of the stockholders and board of directors for the period November 1920-June 1925. A sample contract with dealers, along with other unnumbered pages, has been inserted into the book. The spine is stamped "The Edison Portland Cement Company Minutes." Similar information appears on the front cover. The book contains 202 numbered pages and an index.

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF EDISON PORTLAND CEMENT COMPANY.

Held Friday, November 19, 1920, at 11:00 c'clock a.m., at the Edison Laboratory, Valley Road, West Orange, N. J.

Procent:

Thomae A. Edison, Charles Edison, Stephen B. Mambert, Harry F. Miller, Theron I. Crane, Wm. H. Shelmerdine, Wm. H. Meadoworoft,

W. D. Cloce, Directore;
J. W. Robinson, Scoretary pro tem;
Vice President and General Manager.

At Mr. Charles Edison's suggestion, Mr. Stephen B. Mambert was appointed Chairman pro tem and called the meeting to order.

On motion by Mr. Miller and seconded by Mr. Charles Edison, Mr. J. W. Robinson was appointed Secretary pro tem.

The minutes of the meeting held October 21, 1920 were read, and on motion by Mr. Shelmerdine, seconded by Mr. Orane, and by unanimous affirmative vote, were approved and accepted as read.

Mr. Close requested ratification of the action of Mr. William Dykeman in executing a contract with the Virana Coal Company, Cleveland, Ohio, providing for the purchase of 80,000 tone of Mine Run or Slock Sertokicy Coal at 64.78 per net ton, f.e.b. mine, to be shipped at the approximate rate of 100 cars per month from Hovember 1, 1980 to November 1, 1981, subject to adjustments in price based on labor costs.

Mr. Closs stated that this coal takes a freight rate of \$5.87 per gross ton. He then read an executed copy of the contract, which had been approved by Mr. Thomas A. Edison.

On motion by Mr. Crane, ecconded by Mr. Shelmerdino, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the action of Mr. William Dykonan, inconting on behalf of Edison Portland Coment Company a certain contract with Yirana Coal Company, Cleveland, Ohio, dated Hovember 1, 1950, a copy of which has been numbered and filed with the Secretary of this Company as Authorization No. 0-57, and providing for the nurchase of:

Quantity:

60,000 not tons.

Material:

M/R or Slack- Sewickley Coal

Price and Point of Dolivery: \$4.75 per net ton of 2000 lbs.

Total Expenditure:

Not to exceed \$285,000.00

be and hereby is approved and ratified.

Mr. Close stated that at the meeting of the Board on October 21, 1920, the question of rovising the price clause on our Dealers' Sales Contract was referred to him for investigation. He then submitted and read a form of Sales Contract #3-2, the price clause of which, after consultation with our Legal Department, was made to read as

"The price to be the Seller's price of EDISON OBMENT (on new current business) at the time each shipment is made per standard barrel"etc.

The price clause on Form G-4 (short order form) is to be the same, or as an alternate, the following:

> "Price to be the ourrent market price for EDISON CEMENT at time of shipment."

> > Vice President and General Manager,

On motion by Mr. Crane, seconded by Mr. Shelmordine, and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that Mr. W. D. Cloos, Vico Fresident and General Manager, be and he hereby is authorized to incorporate in our form of Sales Contract #G-2, and also in

our short order form #G-4, the following price clause to govern contract prices to dealers:

"The price to be the Seller's price of EDISON OFFIRM at the time each shipment is made per standard barrel" etc. "

The Secretary pro tem was directed to insert copies of the

w forms of Sales Contract in the Minute Book.

There being no further business, the meeting adjourned.

Read and Approved:

C.E. Charles Chiange

E.A.B. Anoralderon

W. H.M. W. Hilleasourcufty

H.F.M. H. Folliller

W.H.S. W. M. Mundon

F.R.U.

a & Robinsons

Secretary of the second MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF EDISON PORTLAND CHIEFLY COMPANY. Held Menday, December 20, 1920, at 11:00 o'eleek a.m., at the Edisen Laberatory, Valley Read, West Orange, H. J. Thomas A. Edisen, Charles Edisen, Stephon B. Mambert, Harry F. Millor, Prosent: Wm. H. Mendoworoft, Francis R. Upton, Directors; J. W. Robinson. Secretary pro tem; Vice President and W. D. Closs, Gonoral Manager. At Mr. Edison's suggestion, Mr. Stephen B. Mambert was appeinted Chairman pro tem and called the meeting to order. On motion by Mr. Miller and seconded by Mr. Charles Edison, Mr. J. W. Rebinson was appointed Socretary pre tom. The minutes of the meeting held November 19, 1920, were rend, and on metion by Mr. Charles Edison, seconded by Mr. Mondoworoft, and by unanimeus affirmative vete, were approved and accepted as read. Mr. Mambort stated that Mr. William Dykonan had been acting as Special Purchasing Agent of the Company for seme time, and recommended that Mr. Dykeman be elected Vice President in charge of Purchases, as it would be of considerable benefit in conducting our negotiations with vendors. On motion by Mr. Charles Edison, seconded by Mr. Harry F. Miller, and by unanimous affirmative vete, the following resolution was adopted

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF EDISON PORTLAND CHIERT COMPANY. Hold Friday, February 11,1921, at 11:00 c'olook a.m., at the Edison Laboratory, Valley Road, West Crango, H. J. Present: Thomas A. Edison, Charlos Edison, Stophen B. Mambert, Harry F. Millor, Wm. H. Mendoworoft, Francis R. Upton, Diroctors; J. W. Robinson, Scoretary pro tem; Vice Prosident and W. D. Cloos. General Manager. At Mr. Edison's suggestion, Mr. Stophon B. Mambort was appointed Chairman pro tem and called the neeting to order. On motion by Mr. Miller and seconded by Mr. Meadewereft, Mr. J. W. Robinson was appointed Secretary pro ton. The minutes of the mooting hold December 20, 1920, were read, and on motion by Mr. Charlos Edison, seconded by Mr. Millor, and by unanimous affirmative vote, were approved and accepted as read. Mr. Cloos requested that the Vice President in charge of Purchases be authorized to execute a contract with the Virana Coal Company to cover 50% of our approximate requirements of Sowiekley Voin -Slack or Mine Run - coal from January 24, 1921 to April 1, 1922 (estimated at 5,000 net tons per menth) at \$3.50 per not ten, f.o.b. mine, this contract to cancel any undelivered portion against the agreement dated November 1, 1920. On motion by Mr. Charles Edison, seconded by Mr. Upton, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. William Dykeman, Vice President RESOLVED, that Mr. William Dykoman, Vice Fresident in charge of Purchosos, be ond he hereby is authorized to execute on behalf of Edison Portland Comont Company, a certain contract with Virona Cool Compeny, Cleveland, a certain controot with Virona Cool Company, Cleveland, Ohio, deted Jenuary 24, 1921, a copy of which has been numbered and filled with the Scoretery of this Corpora-tion as Authorization No. C-61, and providing for the purchase of:

Ounntity:

Material:

50% of our approximate requiroments from January 24. 1921 to April 1, 1922,ostimated at 5,000 net tens per

month.

Sewickley Vein - Slack or Wine Pun - coal.

Price and Point of Dolivery: \$3.50 per net ten. f.c.b. minc.

Total Expenditure: Not to exceed \$253.750.00 This contract cancels the undelivered portion on contract dated November 1, 1920.

This authorization is made conditional on execution of the contract before March 10, 1921.

There being no further business, the meeting adjourned.

Rend and Approved:

T.M.T.

MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Hold Wednesday, March 9, 1921, at 11:00 o'clock c.m., at the Edison Laboratory, Valley Road, West Orango, N. J.

Present:

Thomas A. Edison. Charles Edison, Stophen B. Mombert. Harry F. Miller, Um. H. Meadeweroft, lim. H. Shelmordine,

Directors: Secretary pro tem; Vice President and J. W. Robinson, W. D. Cloos. General Monagor; Assistant General Counsol.

Henry Lenahan.

At Mr. Edison's suggestion, Mr. Stophon B. Mambert was appointed Chairman pro tem and called the meeting to order.

On motion by Mr. Miller, and seconded by Mr. Meadowereft, Mr. J. W. Robinson was appointed Secretary pro ton.

The minutes of the meeting hold February 11, 1921, were road, and on motion by Mr. Charles Edison, acconded by Mr. Miller, and by unanimous vote, were approved and accepted as read.

Mr. Lonchan, on behalf of the Oredit Manager, Mr. E. H. Phillips, stated that conditions have crisen in connection with the Company's account with Cuba Commercial Company, which render it necessary for the Scoretary, Mr. John C. LaRue, to go to Hevana for the purpose of decling with the matter, and that in order to place Mr. LaRue in a position to take such action as he may doom proper under the circumstances, it is necessary to furnish him with a suitable power of attorney.

On notion by Mr. Sholmerdine, seconded by Mr. Miller,

and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. Stephon B. Mambert, President of The Edison Portland Cement Company, be and he hereby is duly authorized to execute in the Spanish language and in conformity with the Cuban Laws a special power of attorney in favor of Mr. John C. LeRue, of the Borough of Manhattan, City, County and State of New York, U. S. A., in order that said John C. LaRue may collect and receive, in or out of Court, from Cubn Commercial Company, Harris Brothers Company and Harris Trading Company, or any of thom, or from their guaranters, or any of them, whatever may be now or hereafter due to this Company by virtue of a certain contract or contracts and any and all transactions thereunder, of which said contract or contracts and transactions said attorney-in-fact is aware, and he is hereby authorized to mention the same and to compel the fulfillment thereof: also to sign receipts and any public and private documents in connection therewith; also to ask for and give accounts, to examine, and approve or disapprove the same: to grant or rofuse extension of time for the payment of said debts; to accept or refuse in whole or partial payment thereof any kind of property and scourity, including mortgages; to produce, collect or protest drafts and mercantile documents; to settle and compromise differences; to institute and answer any suit at law; to appoint, rovoke and appoint anou, lawyers, proctors, mandatarios judiciales, and substitutos, and, finally, to do any other and thing that the President may cause to be inserted in said power of attorney, which is horeby approved by the Board of Directors, but said attorney-in-fact and all persons that he may design nate pursuant therete shall exercise their powers only in connection with the aforesaid particular business.

Mr. Closs requested that the Vice President in charge of Purchases to authorized to exceute a contract with The Connelidation Coal Company, Inc. for approximately 28% of our requirements of Gas Slack Pairment Coal, actimated at 28,000 met tens, at \$2.50 per net ten, f.o.b. minos, for delivery during the period April 1, 1921 to Moreh 31, 1982. He then presented and read a copy of the proposed contract.

> Vice President and General Manager.

On motion by Mr. Charles Edison, seconded by Mr. Shelmerdine, and by unanimous affirmative vete, the following resolution was adopted:

RESCHED, that it. William Dykems. Vice President in charge of Purchases, be add he borely is authorised to account on behalf of Eddison Portland Gement Company, a certain content with this Commessidation Conformation. The Publishment of the Company Inc., Philadalphia, Pa., deaded March 5, 1921, a copy of which has been numbered and filed with the Secretary of this Company as Authoritation No. 0-85, and providing for the purchase of:

Quantity:

Approximately 25% of our requirements, estimated at 25,000 not tons.

Matorial:

Gas Slack Fairmont Coal

Price and Point of Delivery: \$2.50 per net ten,

Total Expenditure:

Not to exceed \$62,500.00

This authorization is made conditional on execution of the contract before April 9, 1921.

Mr. Shelmerdine inquired into the great difference in price between this contract for 25% of our requirements and the contract, referred to in the reading of the previous minutes, for 50% of our requirements at \$1.00 per ten ever this price, and maked that this discrepancy be referred to those in charge of purchases with instructions to endeavor to take advantage of the lower market conditions indicated by this contract to source concessions in the foregoing higher priced contract and report back to the Board relative thereto.

Mr. Close then requested that the Vice President in charge of Purchases be authorised to execute a Supplemental Memoradum, dated February 28, 1921, to our contract with the Virann Coal Company of January 28, 1921; which Memoradum provides for the purchase of appreximately 10,000 not tens of coal at 22.50 per not ten, f.o.b. mines, for shipment during March and April, with the understanding that deliveries under the contract are suspended for the same period. No

Lee Pege 13 then presented and read a copy of said Supplemental Memorandum.

General Manager.

On motion by Mr. Shelmerdine, seconded by Mr. Charles Edison, and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that Mr. William Dykeman, Vice President in charge of Furchases, be and he hereby is authorized to execute on bohalf of The Edison Portland Cement Company, a cortain Supplemental Memorandum with Virana Coal Company, Clovoland, Ohio, dated Fobruary 23, 1921, a copy of which has been numbered and filed with the Socretary of this Company as Authorization No. C-64, and providing for the purchase of:

Quantity:

Approximately 10,000 net tons for delivery - March and April. Sewickley Vein - Slack or

Material:

Mino Run - Coal.

Price and Point of Delivery: \$2.50 per net ton,

Total Expenditure: Not to exceed \$25,000.00 It is agreed that deliveries against contract dated January 24, -1921, shell be suspended during March and April.

This authorization is made conditional on execution of the Supplemental Momorandum before April 9, 1921.

Mr. Cloos requested that the Vice President in charge of Purchases be authorized to place an order with M. J. Dougherty Company for certain additional piping natorials not called for on prior orders, apocifications and blue prints for our Turbine and Cooling Pond installation, (as listed and attached to said order by ue) to be dolivored and erected at our Plant for the sum of \$12,900.00.

General Manager.

On motion by Mr. Shelmerdine, accorded by Mr. Miller,

National Association of Credit Men, J.C. LaRue New York Credit Men's Association, J.C. LaRue 10.00 10.00 25.00 Boston Chamber of Commerce. Boaton Athletic Association,

Wollaston Golf Club, Massnchusetts Highway Association, " Building Trados Employers Assn., R. A. Wetzler New York Athletic Club, 25,00 82.50

175.00 Deal Golf Club,

Amorican Manufacturers Export Assn., F. C. Willbrand Traffic Club of New York, G. L. Perris

and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that Mr. William Dykeman, Vice President in charge of Purchases, be and he hereby is authorized to execute on behalf of The Edison Portland Cement Company, a certain order with M. J. Dougherty Company, Philadelphia, Pa., dated Fobruary 24, 1921, a copy of which has been numbered and filed with the Secretary of this Company as Authorization No. C-65, and providing for the purchase of:

Matorial:

named organizations: Organization

Piping and installation thereof, as por list attached to order, not on prior orders, specifications, ctc.

for 1921

Total Exponditure:

Not to exceed \$12,900.00.

This authorization is made conditional on the placing of the order before April 9, 1921.~

Mr. Cloos requested that the Board authorize the con-

tinuance of the memberships held by the Company in the following

Portland Cement Association, \$25,000.00 Company Coment Protective Association. 3,000.00 Engineers' Club of Now York, (Ponding) 250.00 W. D. Cloos Amorican Society for Tosting Materials, 15.00 B. Stoner

> 75.00 75.00 5.00

Representative

City Club of Philadolphia, B. W. Kossel Manufacturing Club of Philadolphia," 30.00 100,00

50.00 15.00

RESOLVED, that the Board of Directors of this Company does hereby authorize the continuance of memberships now hold by the Company in the following named organizatione:

Organization	Representativo			ivo	for 1921		,
Portland Cement Association, Coment Protective Association,		Company			\$25,000.00 3,000.00		
Engineers Club of New York,	٧.	D.	0100	,	250	.00	
American Society for Tosting Materials,	в.	St	ouor		15	.00	
Mational Association of Gredit Men, New York Credit Men's Association,	J.	Ç.	LaRue	,		.00	
Boston Charber of Commerce, Boston Athletic Association, Wolluston Golf Club, Massachusetts Kighway Association,	n	°.	Brufi " "	:	75 75	.00	
Building Trades Employers Associet New York Athletic Club, Doal Golf Club,	ion,	R	. A. 7	etzle		.00 .50	
City Club of Philadelphia, Manufacturing Club of Philadelphia		W.	Koss	1	30 100	.00	
American Manufacturers Export Assn	, F.	С	. Wil:	lbran	50	.00	
Traffic Club of New York,	G.	L.	Ferr	is	15	.00.	,

Mr. Cloos requested that the Vice Procident in charge of Purchases to authorized to execute centracts with The B. F. Goodrich Rubber Company, and Macon Jr. Company for our requirements of bolting for the period February 1, 1921 to December 31, 1921 at the prices listed in said contracts, copies of which were then presented and read.

Mr. Charles Edison stated that he had investigated the

market conditions on belting and he considered that it would be to our advantage to execute said contracts at this time.

On motion by Mr. Sholmerdine, seconded by Mr. Miller, and by unanimous affirmative vote, the following resolutions were adopted:

> RESOLVED, that Mr. William Dykoman, Vice President in charge of Turchases, be and he hereby is authorized to execute on behalf of The Edison Portland Coment Sompany a certain contract with The B. F. Goodrich Rubber Company, Akron, Ohio, datod February 14, 1921, a copy of which has been numbered and filed with the Secretary of this Company as Authorization No. C-67, and providing for the purchase of:

Ouantity:

A portion of our requiro-ments, estimated not to oxcood 3,000 feet.

Material:

Conveyor and Transmission Belting.

Not to exceed those listed

Prices:

in contract.

This authorization is made conditional on execution of the contract before April 9, 1921.

RESOLVED, that Mr. William Dykoman, Vice President in charge of Purchases, be end he hereby is authorized to execute on behalf of The Edison Portland Coment Company a cortain contract with Macan Jr. Company, Easton, Pa., dated February 14, 1921, a copy of which has been numbered and filed with the Secretary of this Company as Authorization No. 0-68, and providing for the purchase of:

Quantity:

A portion of our requiremonts, estimated not to exceed 4,000 feet.

Material:

Convoyor, Transmission and Elevator Belting.

Prices:

Not to exceed those listed in contract.

This authorization is made conditional on execution of the contract before April 9, 1921.

MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Saturday, Morch 12, 1921, at 11:00 c'olock a.m., the Edison Laboratory, Valley Road, West Orange, N. J.

Present:

Thomas A. Edison, Charlos Edison, Stephen B. Mambert, Harry F. Millor, Wm. H. Moadoworoft, Theron I. Crane, Wm. H. Shelmerdine,

Willard P. Reid,
Thomas M. Thompson,
J. W. Robinson,
Secretary pro tem.

Chairman:

The Chairman stated that this special meeting of the Board of Directors of The Edison Pertland Cement Company was called for the purpose of taking appropriate action on the death of a member of the Board, Mr. Francis R. Upton, which occurred on the morning of March 10, 1921.

On motion regularly made, seconded, and by unanimous affirmative vote, the following presmbles and resolutions were adopted:

WHEREAS, it has pleased Almighty God in His divine providence to remove from us, by death, our beloved fellow-director, Frencis R. Uyton, who, by his zeal and energy, his strict devotion to the interests of the Company, and by his noble example endeared himself to all with whom he came in contact, and

WHEREAS, he has faithfully and loyally served this Company, therefore be it

RESCLVED, that we, the remaining Directors of this Company, give expression to our feelings of heartfelt sorrow on this occasion of his death; that we extend our most sincere condelence to the bereaved featly, in this their sad affliction, and bo it further

RESOLVED, that a copy of these resolutions be

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, March 25, 1921, at 11:00 c'clock a.m., at the Edison Laboratory, Valley Road, West Orange, N. J.

Present:

Thomas A. Edison,
Charles Edison,
Stephen B. Mambert,
Harry F. Miller,
Wh. H. Meadeworoft,
J. W. Robinson,
W. D. Cloos,
Gonor

, Directors; Secretary pro tem; Vice President and General Manager.

At. Mr. Edison's suggestion, Mr. Stephen B. Mambert was appointed Chairman pro tem and called the meeting to order.

On motion by Mr. Millor, and seconded by Mr. Meadoweroft, Mr. J. W. Robinson was appointed Secretary pro tem.

The minutes of the meetings held March 9 and 12, 1921, were read, and on motion by Mr. Charles Edison, seconded by Mr. Miller, and by unanimous affirmative vote, were approved and accopted as read.

Mr. Oloos requested that the Vice President in charge of Furchasse be authorized to place an order with Allis-Chalmars Manufacturing Company for one year's requirements, astimated from sighty to one hundred firty tons, Allis-Chalmars 1½ inch Concavex Orinding Balls, for Cylpob End of our Tube Mills, to be delivered as specified, which, as estimated at this time, will be celled for 40 tons each in June and September.

Vice President and General Manager.

On motion by Mr. Meadoworoft, seconded by Mr. Charles Edison, and by unanimous affirmative vote, the following resolution and the second of the second s

RESOLVED, that Mr. William Dykeman, Vice President in charge of Purchases, be and he hereby is authorized to execute on behalf of The Edison Portland Coment Company, a certain order with Allis-Chalmers Manufacturing Company, Milwaukee, Wie., dated March 11, 1921, a copy of which has been numbered and filed with the Secretary of this Company as Authorization No. C-69, and providing for the purchase of:

Quantity:

One year's requirements. estimated at 80 to 150 tons.

Material:

Allis-Chalmers 12 inch Con-cavex Grinding Balls.

Price and Point of Delivery: Five and one-quarter cents (514)

per pound; f.o.b. Milwaukee, Wis.

Total Expenditure:

Not to exceed \$15,750,00

This authorization is made conditional on the placing of the order before April 25, 1921.

There being no further business, the meeting adjourned.

Read and Approved:

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, April 8, 1921, at 11:00 o'clock a.m., at the Edison Laboratory, Valley Road, West Grange, N. J. Thomas A. Edison.

Present:

Charles Edison, Stephen B. Membert. Harry F. Miller, J. W. Robinson.

Wm. H. Meadoworoft, Directors:

Secretary pro ten; W. D. Cloce. General Manager.

At. Mr. Edison's suggestion, Mr. Stephen B. Mambert was appointed Chairman pro tem and called the meeting to order.

On motion by Mr. Miller and seconded by Mr. Meadoweroft, Mr. J. W. Robinson was appointed Secretary pro tem.

. The minutes of the meeting held March 25, 1921, were read, and on motion by Mr. Charles Edison, seconded by Mr. Miller, and by unanimous affirmative vote, were approved and accepted as read.

Mr. Cloos requested that the Vice President in charge of Purchases be authorized to execute a contract with The Atlantic Refining Company, providing for the purchase of our requirements of various lubricating oils and grease for one year from March 1, 1921 to March 1, 1922, at the prices listed in the contract, a copy of which was then presented and read.

> Vice President and General Manager.

On motion by Mr. Charles Edison, seconded by Mr. Miller, and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that Mr. William Dykeman, Vice Prosident in charge of Purchasos, be and he hereby is authorized

to execute on behalf of The Edison Portland Cement Company, a certain contract with The Atlantic Refining Company, 1211 Chestnut Street, Philadelphia, Pa., dated March 22, 1921, a copy of which has been numbered and filed with zz, 1921, a copy or which has been numbered and 12104 with the Secretary of this Corporation as Authorization No.C-70. and providing for the purchase of:

Quantity:

Our requirements for year March 1. 1921 to March 1, 1922.

Waterial:

Various lubricating oils and grease. listed in contract.

Price and Point of Delivery: Prices as listed in contract, f.o.b. New Village .N.J. and Oxford Furnace, N. J.

This authorization is made conditional on execution of the contract before May 9, 1921.

Mr. Closs then requested that the Vice President in charge

of Purchases be authorized to execute a contract with The Century Coal Company of West Virginia, providing for the purchase of:

- (a) Our full requirements (100%) of 3/4 Bituminous Coal, estimated at 12,000 tons; at \$3.20 per net ton; and
- (b) Approximately, 25% of our requirements of Gas Slack Bituminous coal, estimated at 25,000 tons, at \$2.50 per net ton;

for one year from April 1, 1921 to March 31, 1922; a copy of the contract was then presented and read.

General Manager.

On motion by Mr. Miller, seconded by Mr. Meadoworoft,

and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. William Dykeman, Vice President in charge of Purchases, be and he hereby is authorized to execute on behalf of The Edison Portland Coment Company, a certain contract with The Century Coal Company of West Virginia, Baltimore, Md., dated March 14, 1921, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. C-71, and providing for the purchase of:

Quantity and Material.

Full requirements of 3/4(estimated 12,000 tons), and 25% of our requirements of Gas Slack (estimated 25,000 tons), Bituminous coal, for year April 1, 1921 to March 31,

Price and Point of Delivery: 83,20 per net ton on 3/4 ocal. \$2.50 per net ton on Gas Slack coal:

f. o. b. Mines.

Total Expenditure: Not to exceed \$100.900.00.

This authorization is made conditional on execution of the contract before May 9, 1921.

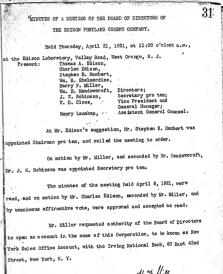
There being no further business, the meeting adjourned.

Read and Approve

T.I.C.

W.H.S.

T.M.T



On motion by Mr. Meadeworoft, seconded by Mr. Charles Edison, and by unanimous affirmative vots, the following resolutions

RESOLVED, that the Vice President and Financial Executive of this Corporation be and he hereby is

were adopted:

authorized to furnish the Irving National Bank of New York, N. Y. with a certified copy of the By-Laws of this Corporation.

RESOLVED, that the Vice Prosident and Financial Exceptive be and he hereby is authorized to furnish the Irving National Bank of New York, N.Y. with a certified list of the elective officers of this Cor-

REMONEN, that in secordance with that portion of the Dy-Laws of this Corporation relating to FINANCIAL EXCOUTING the Wice Precident and Financial Exceptive so and he browly is subtorised to open a bank account with the Irring Notional Bank of Now York, N. Y. for and in the ness of this Corporation, to be known as all the ness of this Corporation, to be known as all the properties of the company of the contract bank in said secount, from time to time, any and all chacks, article, among, and other times of any kind.

RESOLVED, that the Vice President and Financial Executive bs and he hereby is instructed to draw as pecially to the attention of said bank, that portion of the Sy-Laws of this Corporation relating to the proper signing of CHESOR AND HOTES, and be it further

. RESOLVED, that the Vise President and Financial Resoutive be ond he hereby is instructed to draw the ottention of said bank to the second paragraph of ottention of said bank to the second paragraph of ottention of the president of the office of the off

RESOLVED, that the Vice President and Finned all Recoutive be and he hareby a instructed a count of a state of the country of the process of this Corporation defining the duties and authority of the FRANKULL EXECUTIVE, and subject to the System of this Corporation, the Vice Precident and Finnedial Executive is sutherized to set for this Corporation in Executive is sutherized to set for this Corporation in Danisans and transactions relating to any of the basiness and transactions relating to any of the N.Y., and, subject the National Bank of Hew York, N.Y., and, subject to the Corporation and Irring National Bank and for such location and diverge recidency relationship to the Corporation of the System of this Corporation of the Systems of this Corporation relating to EURSCA AND DOYES.

Mr. Close stated that at the meeting of the Board on March 9th, the matter of securing a lower price on coal to be delivered on our controct with the Virana Coal Company in order to meet the prices of their competitors, was referred to those in charge of purchases; and subsequent negotiations with the Virana Coal Company by Mr. Stours had resulted in the following letter:

"March 30, 1921.

"Edison Portland Coment Company, Orange, N. J.

Gentlemen:

Pagels

Agreeable to our conversation with your Mr. Bernard Stouer of owen date, wish to advise that in view of present conditions we are willing to reduce the price in our contract with your company, dated Annury 24, from 35.50 per not ton fo.b. the minns to \$2.50 per not ten fo.b. the minns all other conditions of the contract to remain as criginally mode.

Trusting this reduction mosts with your approval and assuring you that we are always willing to co-operate with you in meeting general conditions, we are

Vory truly yours,

VIRANA COAL COMPANY.

(signed) Joseph Pursglove,

Prosident."

Mr. Lamahan, in discussing the affairs of the Corporation in Oubs, stated that because of the deloy on the part of the Cube Commercial Company in taking appropriate logal action that company had lost its right under the law to secure the release of the 4,000 borrels of Edison Fortland Commercial Company through its attorney, Dr. Vidal, had suggested that insamuch as the Cube Commercial Company could not defend the action, The Edison Fortland Commercial Company should take steps in its own behalf to take possession of the commert; that as a result of this situation, papers were filed in Cienfueges on April 8th with the Judge of the Court of First Instance to obtain pesses-

alon of the comont, this Corporation being represented by Dr. Polipe
Silva y Fernandoz as its attorney; that the judge has ruled against the
claim of The Dilson Fortland Coment Company, but has postponed the sale
of the coment theretelore ordered; that an appeal is being taken on behalf of this Corporation; that if this Corporation should be unsuccessrul in the appeal, it would be necessary to bring another action of
different character; that some question had been raised as to the sufrictioney for the purpose of the new action of the power of attorney heretelore given Mr. La Rue; that it was therefore desirable to authorize
the grenting of a new power of attorney; that the resolution about to
be submitted at this meeting was prepared by Mr. Hollingsworth, who is
acting as the legal advisor of the Corporation in Havana, in co-operation with Dr. Vidal, the is the Cuba Commercial Company attorney, and
that under all of the circumstances of the case it seems to be advisable
to take the action set forth in said resolution.

Houry Canaham
Assistant General Counsel.

On motion by Mr. Charles Edison, seconded by Mr. Miller, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. Stophen B. Membert, President of the Edison Portland Genom Company, be and he hereby is duly authorized to execute in the Spanish language and in conformity with the Cuban laws, a general power of attorney for sutte as may be necessary and required under the laws of Cuba, in favor of Felips Silva y Silva y

There being no further business, the moeting adjourned.

Read and Approved:

I.E. Charles Eison

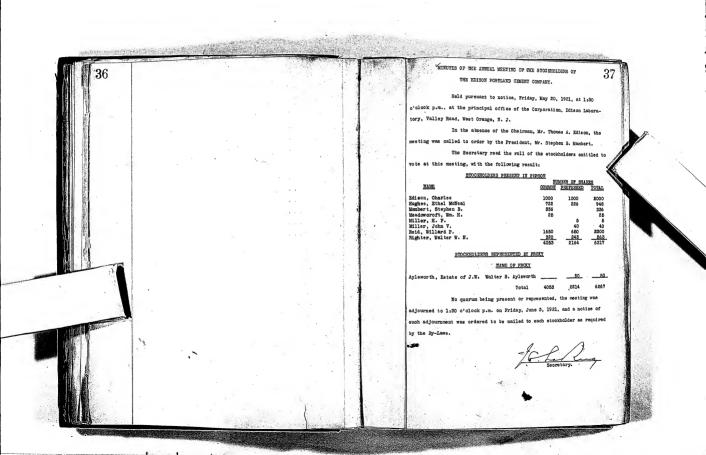
T.A.B. John a Edwam S.B.M. Steplen B. Mainbet

W.H.M. Wyf Measowasts

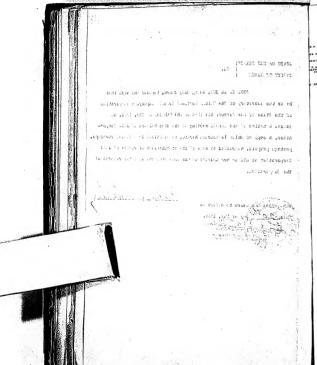
H.F.M. N. J. Miller, /

T.H.S. Malling M. Mulmeden

F.R.U.__



STATE OF NEW JERSEY) COUNTY OF ESSEX JOHN C. LA RUE, being duly sworn, deposes and says that he is the Secretary of The Elison Portland Cement Company, a corporation of the State of New Jersey; and that on the 9th day of Eay, 1921, he caused a notice of the annual meeting of the stockholders of said Corporation, a copy of which is annexed hereto, to be mailed in a sealed envelope, postage prepaid, addressed to each of the stockholders of record of said Corporation at his or her address as the same appeared upon the records of the Corporation. John C. Jakuez Subscribed and sworn to before me



Edison Portland Cement Co.





WILDOT D. CLODS
WEE PERIORATION
SCREENLINANIES
BETRANN O STEUDE
WEE PERIORATION
ALBERT C BRUFF
WEE PRESENT
RAYMOND A WETZLER
VEE PRESENT
SET W KEESEL
WEE PRESENT

May 9, 1921.

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edison Fortland Cement Company will be held on Friday, May 20, 1921, at 1,50 o'dcok P. M., at the principal office of the Corporation, Edison Laboratory, corner of Lakeside Avenues and Valley Road, West Crange, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed snamped envelope.

Yours very truly,

JOHN C. LA RUE,

Secretar

Redson Porthogo (inner of

OBASSON ZOLUES,

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Temporary Science

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, June 3, 1921, at 10:30 c'olook a.m., at the Edison Laboratory, Valley Road, West Orango, N. J.

Present:

Theron I. Grane, Cherles Edison, Thomas A. Edison, Stephen B. Mambert, William H. Meadoworoft, Herry F. Millor, William H. Shelmerdine, Paul J. Suttles.

Frederick A. Sinclair.

Directors: Secretary pro tem:

Chairman pro tem:

At Mr. Edison's suggestion, Mr. Stephen B. Mambert was ampointed Chairman pro tem. and called the meeting to order.

On motion by Mr. Miller, and seconded by Mr. Meadoworoft, Mr. Paul J. Buttles was appointed Scoretary pro tem.

The minutes of the meeting held April 21, 1921, were read, and on motion by Mr. Charles Edison, seconded by Mr. Miller, and by unanimous affirmative vote, were approved and accepted as road.

Mr. Membert stated that the principal purpose of the meting was to discuss the activities of the past two years and to receive and not upon the report of the Officers. It was further stated that the plant improvements and reconstruction have messarily extended into 1921, because of the time devoted to arriving at a mutually satisfactory and equitable understanding as a basis for financial improvement and in making the surveys and investigations that were necessary before reconstruction plans could have been formulated and that the report was rendered for the two years ended December 31, 1920 rather than delay a complete report till the close of the current year and the completion of reconstruction work which is still under way.

The report was presented and read by the Secretary pro ten.

 Condition of the business at Decomber 31, 1918, with the balance sheet at that date.

Improvement in financial condition.
 (a) Conditione leading to financial improvement.
 (b) Extent of financial improvement.
 (c) Balance sheet comparison of December 31. 1916.

3. Reconstruction. (a) Survey of conditions at January 1, 1919 and extent of improvement to plant.

with Jamusry 1, 1919, before and after improvement.

(b) Results of reconstruction during operations.
(c) Belance sheet comparison of January 1, 1919
with December 31, 1920, showing results of reconstruction during
operations.

The several phases of the report were discussed at length during the reading.

Hr. Mambert said that one of the principal effects of the improvements had been to lower the man hours expended per barrel of dement produced from 1.82 to .98 as compared with an average of .777 for the thirteen Cement plants in the United States having a capacity of 1,000,000 barrels or more per annua, and that this Company was working to lower its ratio still further. In this connection he said that about 70% of the benefits to accure through our plant improvements would be effective some time during the current month, and that the improvements would be completed eone time during September, when high pressure stems would be put into use:

Mr. Shelmerdine select what the daily production capacity would be after all improvements had been completed. Mr. Mambert said that all engineering estimates of economies had been based on a projected production capacity of 6260 barrele of Genent per day. In reply to a question by Mr. Shelmerdine regarding the quality of our limestone, Mr. Mumbert stated that there had been no change from that of the past.

Answering a question by Mr. Reid regarding the probable life of the present rock quarries, Mr. Mambert replied that Mr. Edison

had estimated the cupply to last from 20 to 40 years. Mr. Reid cuggested that for conservation, the supply be estimated as sufficient for 15 years operation.

After discussion of matters contained in the report had been concluded Mr. Mambert said that he wanted suggestions and advice as to any matters that had been touched upon.

Mr. Orane stated that he wished to offer a resolution and upon his motion, seconded by Mr. Reid, and by unenimous affirmative vote the following resolution was adouted:

MUSOLYED, that the report of the Officers as presented at this meeting be received and that it is the sense of this meeting that the orficers and employees of the Company be congratulated on the success of their efforts in rehabilitating the plant and putting it on a basis with the best competitive plants in the United States as shown in the report

On behalf of the officers and employees, Mr. Mambert thanked the Directors for their manifectations of confidence and said that it was the aim and problem of the officers and employees to work for further someonies and procress.

A copy of the report was ordered filed with the Secretary and was made a part of the Corporats records.

In discussing the ocal situation, Mr. Membert asked for the opinions and advice of the Directors as to the percentage of the Company's coal requirements that should be contracted for. Mr. Orane said that the percentage necessarily varied with economic conditions and that during come periods 100% should be contracted for while 50% was cufficient during other periods, though mover less than 50% should be contracted for. He pointed out that, while it was cometimes possible to purchase 100% of requirements on the open market, the loss that might coour through depending entirely upon coal from this course under changing conditions would more than offset any earings that might under changing conditions would more than offset any earings that might

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MINUTES OF THE ADJOURNED ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON FORTLAND COMENT COMPANY.

Held pursuant to notice, Friday, June 3, 1921, at 1:50 o'clock p.m., at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Valley Road, West Orange, N. J.

The meeting was called to order and presided over by the President, Mr. Stephen B. Mambert.

The Secretary read the roll of the stockholders entitled to vote at this meeting with the following result:

STOOKHOLDERS PRES	ENT IN PERSON		
	M	MBER OF SHA	RES
NAME	OOMMOD	PREFERRE	TOTAL
Crane, Theron I.	10057	321	10378
Edison, Charles	1000	1000	2000
Edison, Thomas A.	91447	19690	111137
Mambert, Stephen B.	336		336
Miller, H. F.		5	5
Miller. John V.		40	40
Otto Fredrick P.	. 15	. 15	30
Reid, Willard P.	1650	650	2300
Shelmerdine. Wm. H.	19869	5316	25185
Meadoworoft, Wm. H.	25		25
	124399	27037	151436

STOCKHOLDERS REPRESENTED BY PROXY

	NA	WE OF	PROXY				30
Ayleworth, Est. of J.W.	Walt	er 8. /	Aylsworth			50	50
Alrich. W. M.	Ther	on I. (Fane	348		124	472
Baird, David		**		192		121	313
Barber, Marie S.	**	**	**	2		1	3
Baumgartner, John	**	**		10			10
Bent, Felton	**	**		364		140	504
Bent, Quinoy	**	"	M	364		140	504
Bent, Stedmen				364		141	505
Brown, Henry P.		**		60		20	80
Buck, Est. of Daniel				476		338	814
Campbell, Winfield S.		"		60			60
Campbell, winfield 5. Carpenter, William H.	- 11			200		100	400
Carpenter, william n.			"	1000	à.	333	1333
Clark, Anna M.				60		50	110
Dyer, Frank L.	-			388		119	507
Dyer, Mary Gordon				 500		100	600
Fable, Frederick A.				300		100	400
Felton, Edgar C.				2412		1081	3493
Funk, Marion Thompson				370		10	380
Garner, S. Carl			d Rorward	131969		30005	

STOCKHOLDERS REPRESENTED BY PROXY (Continued) NUMBER OF SHARES NAME OF PROXY NAME COMMON PREFERRED ZOZAL Brought Forward Theron I. Crane Gilmore. W. E. Gummey, Mary Magarge Haines, Est. of Howard L. Haines, William A. Harper, Jessie Cornell Harper, William Henry Hecker, Oscar Hird. A. M. Holland, E. Frankel Howell, Mande H. Janvier, Est. of Walter Katzenbach, Natelie McNeal Masters, Jessie W. Matthieu, Bet. of John P. McOarthy, Est. of Felix McParland, James P. Meyer, Emanuel Meyer, Plorence Miller. Florence D. Miller, Walter H. Ott. John F. Ott. Ludwie F. Parsons, Katharine F. Pilling, Catherine Ross Pilling, W. S. Bandolph, Anna E. Rogers, Enooh S. Ross, George G. Souttergood, Alfred G. Soattergood, J. Henry Soattergood, Margaret Soattergood, Maria C. Hosg. Anna S. Schmidt, F. W. Serrill, William J. Shanbaoker, S. J. Smith, D. C. Wharton .80 Staniforth, Annie M. Taylor, Florence N. Thompson, F. Mason Thompson, J. Linton Thompson, Thomas M. Upton, Est. of F. R. Villard, Oswald G. Walker, James W. Warren, Arthur F. White, Harry Wolbert, Charles E. Wurth, Est. of Chas. N.

Total

a majority of the stook issued and outstanding being represented by the

holders thereof either in person or by proxy.

156761 38432

The proxies presented were ordered filed with the Secretar4.5

The Secretary presented and read a copy of the notice of the meeting, together with proof of the due mailing thereof, to each stockholder of the Corporation at least three days prior to the meeting as required by the My-Laws.

The transfer book and the stook book of the Corporation, together with a full, true and complete list in alphabetical order of the stockholders emitled to vote at the ensuing election, with the number of shares held by each, were produced and remained during the election open to imagestion.

On motion by Mr. Reid, seconded by Mr. Crane, and by unanimous affirmative vote, the reading of the minutes of the preceding meeting was dispensed with.

On metica by Mr. Meadowerert, seconded by Mr. Miller, if seems, F. A. Sinolair and B. R. Berry (metither of them being a candidate for the office of pirector) were appointed Inspectors of Riccition and duly sworn.

On motion by Mr. Grame, seconded by Mr. Shalmerdine, Messrs. Thomas A. Edison, Charles Edison, Stephen B. Membert, Wm. H. Meadoworoft, Harry F. Hiller, Willard P. Beid, Wm. H. Shelmerdine, Theron I. Grame and Thomas M. Thompson were nominated for Directors of the Corporation to hold office for the ensuing year and until their successors shall have been elected and qualified.

No other nominations having been made, the poll was declared open by the President at 2:00 o'clook p.m.

On motion by Mr. Reid, seconded by Mr. Grame, and by unanimous affirmative vote, the Secretary was requested to east one ballot for the nominees listed above and deliver same to the Impectors.

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on notion by Mr. Orane, seconded by Mr. Shelmardine, and by unenimous affirmative vote, the reading of the minutes of the Directors' meetings, held since the preceding meeting of the stockholders, was dispensed with (the minute book being available for inspection by the stockholders), and the following resolution was adopted.

RESOLVED, that the acts of the Directors and Officers on behalf of this Corporation as set forth in the Minutes of the Directors' meetings held since the proceding meeting of the Stockholders, be and the same hereby are approved, ratified and confirmed.

The poll having remained open at least one hour, was closed and the Inspectore presented their report in writing showing that the following gentlemen received the number of votes set opposite their respective names:

NAME	NUMBER OF VOT
Theron I. Orane	195193
Oharles Edison	195198
Thomas A. Edison	195198
Stephen B. Mambert	 195198
Wm. H. Meadoworoft	195198
Harry F. Miller	195198
Willard P. Reid	195195
Wm. H. Shelmerdine	195198
Thomas M. Thompson	195198

The President thereupon dealered the above named gentlement duly elected Directors of the Corporation to hold office until the next annual election and until their successors shall have been elected

The Secretary was instructed to insert in the Minute Book for the purpose of reference a copy of the following papers:

- 1. Notice of the meeting and proof of the services thereof.
- 2. List of Stockholders produced at the rest
- 3. Form of proxy.
 4. Inspectors' Oath and Report.

1 -----

There being no further business, the meeting adjourned.

Ja La Luy

Ballands

STATE OF NEW JERSEY)
) SS:
COUNTY OF ESSEX

JOHN O. LA EDS, being dally sworm, deposes and says that he is the Secretary of The Elison Portland Genent Company, a corporation of the State of New Jersey; and that on the 28th day of May, 1921, he caused a notice of the adjourned animal neeting of the stockholders of said Corporation, a copy of which is annexed hereto, to be mailed in a sealed survelope, postage prepaid, addressed to each of the stockholders of record of said Corporation at his or her address as the same appeared mean the records of the Corporation.

Subscribed and enough to hefore me

this 3rd day of June, 1921.

JOHN C. LA RUE

Frequency

Edison Portland Cement C.



May 28, 1921

COUNTY OF ESSEK

JOHN C. LA RUE, boing July sworn, deposes and says that he is the Secretary of The Erian Ferriand Jament Company, a corporation or the State of Lew Jerney; and that on the 28th day of May, 1921, he caused a motion of the adjourner ammus meeting of the stockholiers of anid Comportion, a copy of which is among derect, to be maried in a nomics envelope, postage propoid, addressed to can of the stockholders or record of said Corporation of his or har sidness as the some appeared

upon the resords of the Jorporation.

my of June, 1921.

To The Stockholders of

THE EDISON PORTLAND CEMENT COMPANY:

The holders of a majority of the stock of The Edison Portland Cement Company not being present or represented at the annual meeting of the Stockholders called for May 20, 1921, the meeting was adjourned to be held at 1:30 o'clock P.M., on Friday, June 3, 1921 at the principal office of the Corporation, Edison Laboratory, corner of Lakeside Avenue and Valley Road, West Orange, New Jersey.

Yours very truly,

JOHN C. LA RUE,

PROXY

KNOW ALL MEN BY THESE PRESENTS:

That I, the subscriber, do hereby constitute and appoint Mr. Theron I. Crane or Mr. William H. Shelmerdine my true and isw'ul attorney in my name, place and stead, noted upon all the atole of The Edison Portland Cement Company owned by me or standing in my name, as my proxy, at the annual meeting of the atochloiden of the said Corporation to be held at the principal office of the Corporation, Edison Laboratory, corner Lakeaide Avenue and Valley Road, in the Town of West Orange, State of New Gressy, on May 20, 1921, at the Littly o'clock P. M. of said day, or on such other day as said meeting my thereafter held by adoptionment or otherwise, according to the number of votes I am now or may be then entitled to east, hereby granting the said attorney full power and authority to set for me and in my name at the said meeting or meetings, in voting for Directors of the said Corporation or observation, and the transaction of such other business as may come before the meeting, as fully as I could do if personally present, with full power of substitution and revocation, hereby ratifying and enfirming all that my said attorney or substitution and revocation, hereby ratifying and enfirming all that my said attorney or substitution and on my mane, place and year.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this...

In presence of:

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Which Brown the San Strait Strait Mesers. F. A. Simolair and B. R. Beffy
being severally sworn, upon their respective cache do promise and swear
that they will faithfully, honestly, and imperially perform the duties of
imspectors of election at the election to be held this day for Directors
of THE EDISON COMPAIN, and make a true report of the same, me this 3rd day of June, 1921. We, the undoreigned, inspectors of shortion, report that having taken oath impartially to conduct the slastion of Directors of the above manead Corporation, did resorts 198193 votes of the stoubholiars by ballot, and that the following poreons resolved the number of sales as topposite their numbers of sales as to Number of Votes For Directors 195,193 Theron I Crane 195,193 Charles Edison 195,193 Thomas A. Edison est and the map of the plan 195,193 Stephen B. Mambert 195,193 Wm. H. Moadoweroft - 1 to ONETHING DUTTE PROPERTY 195,193 Harry P. Hiller 195,193 Willard P. Reid 195,193 Wm. H. Shelmerdine Thomas M. Thompson BRBerry.

place of the color LEGIT STORTLAND BUILDING OCCUPANT. WAIVER OF NOTICE OF THE ANNUAL MEETING ingrestors of election it in all ottor to be near this year or blackers series of the core, orthe a min har The Hot tubine Charles of House by to Rittion Later THE EDISON PORTLAND CEMENT COMPANY. Prevent Thursday fall to. We, the undersigned, Directors of THE EDISON PORTLAND CRASME COM-PANY, a corporation existing under the laws of New Jersey, waive notice of the time and place of the annual meeting of the Board of Directors of the business to be transacted at said meeting. We designate the 3rdh day of Dung 1921, at 4:00 o clock in the pales that report that beganises a south on report that break that be seved as the break of the aftermon as the time, and "Mison' ishorotry, orres' inkeded Avenue and Valley Road, West Orange, New Jersey, as the place's of and meeting, this "Jersey purpose of eadl meeting length the slope of and meeting the slope in or officions of officiary for the "snaulng year, and the transaction of such other business" as the Board may does proper. opposite their mane, to when Property of then a mention of war sppointed Shalles RACOV T. proposit stotognic was 195,193 Theren I Ocuse 190,100 Justing Balage 192,201 Mostas A. 31120n 461,402 Stephon B. Mamber 191,193 Picterobeet .H .ef? 105,195 Morry V. Millor 195,193 Millard P. Roti. 191,193 n. Sholuseling of Water of Deposituries Increased from one to the selant Theretary may be will blighted Chomas II. Thompson "Edden" from the title of femore iv treatenen the postsion of her relevant of the Course of these for a perfect a possent content of product of the con-tent test units men forestelle to test units men forestelle or man beams-fly of View Promidents, as

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Dated: Juna Brd. 1921.

MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, June 3, 1921, at 4:00 c'olook p.m., at the

Present.

Theron I. Grame, Charles Edison, Thomas A. Edison, Stephen B. Mambert.

Edison Laboratory, Valley Road, West Grange, N. J.

t, Chairman pro tem;

William H. Meadoworoft, Harry F. Miller,

Willard P. Reid, William H. Shelmerdine, Directors;

William H. Shelmerdine, Directors; John C. La Rue, Secretary;

W. D. Olobs, Vice Pres. & General Manager; Bernard Steuer, Vice Pres. & Works Manager; Frederick A. Sinolair. invited.

At Mr. Edison's suggestion. Mr. Stephen B. Mambert was

appointed Chairman pro tem, and called the meeting to order.

Mr. Mambert submitted the following statement in the form

of a letter:

"To the Board of Directors of The Edison Portland Coment Company.

In keeping with the desirability of bringing our By-Lawe into harmony with the needs arising from changing conditions, the following amendmonts to the existing By-Laws have been offered to

- Number of Directors reduced from ten to nine because of death of Mr. Upton.
- 2. Number of Assistant Secretaries increased from one to two so that one Assistant Secretary may be available at Orange.
- 3. Dropping of the word "Sales" from the title of General Sales Manager to strengthen the position of our representation to the treds. There is a certain second of natural aversion aroused when the idea of "Sales" is brought before a prospective purchaser and a General Manager can meet the trade under more favorable our cumetances than can a General "Sales" Manager.
- 4. Restriction of the authority of Vice Presidents, as such, to sign checks because of the number of Vice

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The state of

Prasidents.

Restriction of the authority of Vice Presidents, as such, to approve purchase orders under \$10,000.00 because of the number of Vice Presidents.

Paithfully yours.

Mr. Hambert then presented a draft of the By-Laws in which

the proposed changes had been embodied.

On motion made by Mr. Shelmerdine, seconded by Mr. Reid,

and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the By-Laws of this Corporation be and they hereby are amended in accordance with the draft presented at this mesting, viz., as follows:

BY - LAWS

THE EDISON PORTLAND CEMENT COMPANY

MEETINGS OF STOCKHOLDERS

A majority of the stock issued and outstanding represented by the holders thereof, either in person or by proxy, shall be a quorum at all meetings of the etookholders.

PLACE OF MEETING:

All meetings of stockholders shall be held at the principal office of the Company.

The annual meeting of stockholders shall be held on the third Friday in May of each year at 1:30 c'clock p.m., when they shall elect by a plurality vote, by ballot, the Board of Directors, as constituted by those By-Laws, each stockholder being entitled to one vote, in person or by proxy, for each share of stock registered in his or her name, on the 20th day preceding the election, exclusive of the day of such election.

NOTICE OF ANNUAL MEETING.

Notice of the annual meeting shall be mailed to each stockholder at his or her address as the same appears upon the records of the Company, at least ten days prior to the meeting.

ADJOURNMENT OF ANNUAL MEETING:

At such annual meeting, if the holders of the majority of the stock shall not be present or represented, the stockholders present shall have the power to adjourn to a day certain and notice of the meeting on the adjournment day shall be given by depositing the same in the Post Office, addressed to each stockholder, at least three days before such adjourned 4.9 meeting, exclusive of the day of mailing, but if the holders of a majority of the stock be present in person or by proxy, they shall have the power, from time to time, to adjourn the annual meeting to any subsequent day or days and no notice of the adjourned meeting need be given.

Special meetings of the stockholders shall, at the request of the President, or two or more Directors or of a majority of the stockholders be called by the Secretary, by mailing a notice stating the object of such meeting, at least two days prior to the day of the meeting, to such stookholder of record at his address as the same appears on the records of the Company, If all the stockholders shall waive notice of a special meeting, no notice of such meeting shall be required. Whomever all the stockholders shall meet in person or by proxy, such meeting shall be valid for all purposes without call or notice, and at such meeting any corporate action may be taken. If for any reason the stockholders should not in any year hold their regular mnual meeting or an adjourned annual meeting, or should fail to elect a Board of Directors at the regular annual meeting or at an adjourned annual meeting, a Board of Directors may be elected at any special mesting of the stockholders thereafter, provided a notice that such election will be held is contained in the notice calling such special meeting of stookholders.

The Chairman of the Board of Directors shall call meetings of the stockholders to order and shall sot as Chairman of such meeting. The Board of Directors may appoint any stockholder to act as Chairman of any meeting in the absence of the Chairman of the Board of Directors, or in the event of the failure of the Board of Directors to act under this provision, tha stockholders may choose any of their number to preside at any meeting of the etockholders. The Secretary of the Company shall not as Secretary of all meetings of the stockholders, but in the absence of the Secretary at any meeting of the stockholdere, the presiding officer may appoint any person to act as secretary of the meeting.

BOARD OF DIRECTORS

POWERS:

The business and the property of the Company shall be managed and controlled by the Board of Directors who may, subject to the provisions of the statute, of the charter, and of the By-Laws, exercise all such powers and do all such things as may be exercised or done by the corporation.

NUMBER AND TERM OF OFFICE:

The number of Directors shall be nine. Every Director shall be a holder of at least one share of the capital stock of the Company. Each Director shall serve for the term of one year and until his successor has been elected and qualified.

A majority of the Board of Directors shall be a quorum for the transaction of business.

NOTICE OF MEETING

Meetings of the Board of Directors may be called by the Secretary at the request of the Chairman of the Board of Directors, or of two or more Directors, on one day's written notice to each Director, or on personal notice to each Director at or any time prior to the meeting. Notice of any meeting of the Board of Directors may be waived by any Director. Whomever all the members of the Board of Directors shall be present at any meeting thereof, such meeting and any action taken thereat, shallbbe

valid for all purposes and no call or notice of such meeting need be given.

PLACE OF MEETING:

The Directors may hold their meetings, have an office and keep the books of the Company (except those required by law to be kept within the State of New Jersey) outside of the State of New Jersey, as the Directors may from time to time determine.

The officers of the Company shall be a Chairman of the Board of Directors, a President, such Vice Presidente, not less than two nor more than efive. in number, as may be determined upon by the Board of Directors; a Financial Executive, a General Manager, a Works Manager, a Treasurer, a Secretary, an Assistant Financial Executive, an Assistant Treasurer, two Assistant Secretaries, and such other officers as may from time to time be determined upon by the Board of Directors, all of whom shall ordinarily be elected by the Board of Directors at their first annual meeting after the election of Directors at which meeting a quorum shall be present, but the election of an Officer, or Officers, at any other meeting of the Board of Directors shall not be invalid so long as notice thereof is given in the notice of the masting.

The officers of the Company shall serve for the period of one year and until their successors are chosen and qualified, except that all officers and agents of the Company shall be subject to removal at any time by the affirmative vote of a majority of the whole Board of Directore .

CHAIRMAN OF BOARD:

The Chairman of the Board of Directors shall be chosen from among the Directors of the Company and shall preside at all meetings of the Board. The Chairman of the Board of Directors shall be veeted with all the powers and shall perform all the duties of the President in his absence. In case of the absence of the permanent Chairman from any meeting, the Directors may choose a Chairman pro tem from among their number, but the Director so chosen to act as Chairman pro tem chall not have any of the powers or duties of the permanent Chairman of the Board except the authority and duty to preside at the particular Board meeting for which he is chosen as Chairman

The President shall be the chief executive of the Company. Subject to the Board of Directors, he shall have general charge of the business of the Company and may sign all bonds, contracts, checks, notes and other obligations in the name of the Company, and with the Treasurer or Assistant Treasurer, may sign certificates of stock of the Company. He shall do and perform such other duties as may from time to time be assigned to him by the

VICE PRESIDENTS

None of the Vice Presidents need be either Directors or etockholders of the Company, and they shall have such powers and authority as shall be delegated to them by the Board of Directors.

PINANCIAL EXECUTIVE:

Subject to the control of the Board of Directors and the President, the Pinancial Executive shall have full charge of the Company's finances, The Financial Executive may countersign all obsoks drawn on the funds of the Company, and shall countersign all promissory notes of the Company, (see Article "Checks and Notes" of these By-Laws), and shall do and perform

such other dutise as may from time to time be assigned to him by the Board of Directors, or the President.

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ASSISTANT FINANCIAL EXECUTIVE:

The Assistant Financial Executive shall do and perform such duties as may from time to time be assigned to him by the Board of Directors, the President or the Financial Executive. He shall, in the absence of the Financial Executive, except as otherwise provided by the By-Laws of the Company, be vested with all the powers of the Financial Executive, perform all the duties of the Financial Executive, and, subject to the control of the Board of Directors and the President, have full charge of the Company's financee. He may countersign all checks drawn on the funds of the Company, but is not authorized to sign any promissory notes of the Company in lieu of the Financial Executive, or to approve and ratify contracts and orders in lieu of the Financial Executive; see Sections "Chacks and Notes" and "Contracte and Orders" of these By-Laws.

GENERAL MANAGER:

Subject to the control of the Board of Directors and the President, the General Managar shall have full charge of the Company's business except as otherwise provided in the By-Laws of the Company, and shall do and perform such duties as may from time to time be assigned to him by the Board of Directors, or the President.

Subject to the control of the Board of Directors and the President, the Works Hansger shall have full charge of the Company's production operations excent as otherwise provided in the By-Laws of the Company, and shall do and perform such duties as may from time to time be assigned to him by the Board of Directors, or the President.

The Treasurer shall, under the direction of the Financial Executivs, have the oustody of the funds of the Company and of all securities and evidences of inhebtedness held by it, including mortgages, notes, deeds of truet, collateral of all kinds, and stocks and bonds; ho shall keep full and accurate accounts of receipts and diebursements in books balonging to the Company: and shall deposit all moneys and other valuable effects in the name of the Company and to the oredit of the Company in such depository or dapos-itories as may be designated by the Board of Directors; he shall be subject to the direction of the Financial Executive as to maximum and minimum balance to be maintained in each depository, and as to the conditions under which such deposits shall be made and such balances maintained.

He shall disburse such funds of the Company es may be ordered by the Financial Executive, taking proper vouchers for such disbursements, and shall render to the Financial Executive whenever required account of his transactions as Treasurer. He shall, under the direction of the Financial Executive, have the power to sign and endorse all certificates of stock, bonds, ohecks, drafts, and other obligations of the Company, (see Article "Checks and Notes" of these By-Lawe), and shall have the power to receive all moneys due and payable to the Company from any source whatscover, and to give receipts and endorse warrants in its name for any and all payments made to the Company.

He shall, under the direction of the Financial Executive, be custodian of such other properties and effecte of the Company as may be specified by the Board of Directors, the President or the Financial Executive, and shall, under the direction of the Financial Executive, do and perform such other duties as may from time to time be assigned to him by the Board of Directors, the President, or the Financial Executivs. The Treasurer shall give a bond of a Security Company to be approved by the Board of Directore in the sum of Twenty-five Thousand Dollars (\$25,000.00) for the faithful discharge of his

ASSISTANT TREASURER:

The Assistant Tressurer shall be vested with all the powere and shall. under the direction of the Financial Executive, perform all the duties of the Treasurer in his absence, except as otherwise provided in the By-Laws of the Company and shall do and perform such other duties as from time to time may be assigned to him by the Board of Directors, the Precident, the Financial Executive or the Treasurer. The Assistant Treasurer shall give a bond of a Security Company to be approved by the Board of Directors in the sum of \$10,000,00 for the faithful discharge of his duties.

The Secretary shall keep the minutes of all meetings of the Board of Directore and minutes of all meetings of the etockholders; he shall, subject: to the direction of the Financial Executive, attend to the giving and serving of all notices of the Company; he may attest in the name of the Company all contracts authorized by the Board of Directors, and to all papers. instruments and documents upon which it shall be required; he shall, under the direction of the Financial Executive, affix the seal of the Company; he shall have charge of the seal of the Company and of ite etook certificate books and stock ladgers; he shall be responsible for the registration by a Registrar designated by the Board of Directors of all etook certificates issued by the Company; he shall have the custody of such original agreements, releases, insurance policies, deads, leases and other papers or books as the Board of Directors, the President, or the Financial Executive may direct; he shall keep all books of eccount of the Company except those which the Tressurer is required to keep, and shall render to the Financial Executive whenever required an account of the financial condition of the Company and of the Company's financial transactions, and he shall, under the direction of the Financial Executive do and perform all the usual duties incident to the office of the Secretary, and such other duties as may be assigned to him by the Board of Directors, the President, or the Financial Executive.

He shall be sworn to the faithful discharge of his duties as above

ASSISTANT SECRETARY:

The Assistant Secretary shall be vested with all the powers, and shall, under the direction of the Financial Executive, perform all the duties of the Secretary in his absence and shall do and perform such other duties as from time to time may be assigned to him by the Board of Directors, the President, the Financial Executive, or the Secretary.

If the office of any Director becomes vacant by reason of death, resignation, disqualification, or otherwise, the remaining directors, although less than a quorum, by a majority vote may elect a successor or successors who shall held office for the unexpired term, and if any of the offices of the Company shall become vacant for any reason before the expiration of the term for which the incumbent thereof was elected, the Board of Directors may elect a successor or successors who shall hold office for

DELEMATION OF DUTIES OF OFFICERS:

In the case of the absence of any officer of the Company, or for any other reason which may seem sufficient to the Board of Directors, the Board of Directors may delegate his powers for the time being to any other officer CHECKS AND NOTES:

Except as may hereafter be specifically provided by the Board of Directors, all checks drawn on the funds of the Company shall be signed only by the Chairman of the Board of Directors, President, Treasurer or Assistant Treasurer, and shall be countersigned only by the Financial Executive, Secretary, Assistant Financial Executive, or Assistant Secretary, and all promissory notes of the Company shall be signed only by the Chairman of the Board of Directors, or President, and shall be countersigned only by the Financial Evenutive.

CONTRACTS AND ORDERS;

All orders and contracts involving an aggregate expenditure of Ten
Thomsand Dollars (\$10,000,00) or over, must without exception, be authorized or approved and ratified by the Board of Directors, and such authorization or approval and ratification evidenced by alcopy of the resolution authoriging or approving and ratifying the same, certified by the Secretary under the comporate seal; and all orders or contracts involving an appragate expenditure of One Thousand Dollars (\$1,000.00) or over, and less than for Thousand Dollars (\$20,000.00) must, without exception be approved and ratified personally by the Chairman of the Board of Directors, President, or Financial Executive of the Corporation, and must bear the written personal signature of the officer by whom it is approved or ratified. No order or contract shall be binding on the corporation unless authorized or approved and ratified as above set forth, and the corporation shall not be responsible for any order or contract not authorized or approved and ratified in strict compliance herewith.

OFFICES.

The Company may have an office and transact business in such places outside of the State of New Jersey as the Board of Directors may from time to time appoint.

FISCAL YEAR

The fiscal year of the Company shall begin the first day of January each year.

Dividends upon the capital stock of the Company, when earned, shall be payable as and when the Board of Directors may direct but the vote of the Chairman of the Board of Directors shall be necessary to the declaration of any dividend. Before the payment of any dividends, or making distribution of profits, there may be set aside out of the net profits of the Company such sum or sums as the Directors may from time to time, in their absolute discretion, think proper as a resemble fund to meet contingencies, or for equalizing dividends, or for repairing, improving, maintaining, increasing or extending the property of the Company, or for any other purpose which the Directors shall think conducive to the interests of the Company.

AMENDMENTS TO BY-LAWS

The Board of Directors, by the vote of the majority of the full Board may at any meeting thereof, alter or amend those By-Laws if notice thereof be contained in the notice of the meeting.

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The Chairman pro tem stated that officers of the Corpora-

tion should be elected to hold office until the next regular annual meet-

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ing and until their successors are elected and qualified.
                The Secretary then read the list of officers provided for
 by the By-Laws of the Corporation, as followe:
                                                                                                      tion was adopted:
                Chairman of the Board of Directors
               Prosident.
                Not less than two nor more than five Vice Presidente
                Financial Executive
               General Manager
                Works Manager
                Treasurer
                Secretary
                Assistant Financial Executive
                Assistant Treasurer
                Two Assistant Scoretaries
                                                                                                                 Quantity:
                Such other officers as may be determined
                 upon by the Board of Directors
               On motion made by Mr. Crane, seconded by Mr. Shelmerdine.
                                                                                                                Material:
 and by unanimous affirmative vote, the following gentlemen were elected
 to fill the offices set opposite their respective names:
      Mr. Thomas A. Edison
                              - Chairman of the Board of Directors
      Mr. Charles Edison
                                Vice Chairmon
      Mr. Stephen R. Mambert
                              - Procident
      Mr. Harry F. Miller
                                Vice President and Pinancial Framitive
      Mr. W. D. 01008
                               - Vice President and General Manager
                               - Vice President and Works Manager
      Mr. Bernard Steuer
      Mr. Albert C. Bruff
                               - Vice President and Manager New England
                                                               District
      Mr. Raymond A. Watzler
                               - Vice President and Manager New York District
      Mr. G. J. Sohultz
                               - Treasurer
      Mr. John C. La Rue
                               - Secretary
                                                                                                      a copy spread upon the minutes: . .
      Mr. Wm. H. Meskill
                               - Assistant Trescurer
      Mr. Paul J. Buttles
                             - Assistant Secretary
      Mr. A. Hallingsworth-Mosee- Assistant Secretary
               In addition to the above, the President, with the concurrence
of the Board, appointed the following:
     Mr. Frederick A. Sinolair - Assistant to the President
      Mr. Wm. Dykeman
                              - General Purchasing Agent
     Mr. F. C. Willbrand
                              - Export Manager
     Mr. Bert W. Keseel
                              - Mansger Philadelphia Dietrict
           Mr. Steuer requested that the General Purchasing Agent be
authorized to place an order with the Lackswanna Coal Company for our.
requirements of Anthracite Ocal (Free Burning Barley), approximately five
oars per week from June 5, 1921 to September 5, 1921, at $3.80 per gross
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On motion made by Mr. Meadoworoft, seconded by Mr. Oharles Edison, and by unanimous affirmative vote, the following resolu-

> RESOLVED, that Mr. William Dykeman, General Purchasing Agent, be and he hereby is authorized to execute on behalf of The Edison Portland Coment Company, a certain order with Lackswanna Coal Company, Firemen's Building, Newark, N. J., dated May 25, 1921, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. C-72, and providing for the purchase of:

> > Our requirements from June 5th: to September 5th, 1921, estimated at 1200 tons per month.

Free Burning Barley Anthracite Coal.

Price and Point of Delivery: \$3.80 per gross ton, f.o.b. New Villago, N. J.

Total Expenditure:

Not to exceed \$15,680.00.

This authorization is made conditional on the placing of the order before July 3, 1921.

The Secretary presented and read a letter from the Macan Jr. Company, which was ordered numbered and filed with the contract and

"Edison Portland Cement Company, New Village, N. J.

. We are pleased to advise you that there has been a decline in Goodyear Rubber Products as follows;

> Transmission Belting Conveyor Belting

which decline will take effect as of even date and will be applied to all unchipped orders in our possession.

Very truly yours,

MAGAN JR. COMPANY,

Mr. Stever requested that the Moard ratify the sotion of the General Purchasing Agent in executing an agreement modifying our contract with Maginnis Cotton Mills, E. V. Benjamin Company, Inc. Mr. Stever them presented and read a copy of eald agreement.

Approved:

Vice President and Works Manager.

Vice President and General Manager.

On motion made by Mr. Charles Edison, seconded by Mr.
Miller, and by unanimous affirmative vote, the following resolution was

BEBOUTED, that the action of Mr. William Dykeman, common Parchate Agent, in accounting on behalf of The Milson Fortland Seems I Company, a cortain agreement to Maginais Cotton Bills, Br. 79, Senigmain Company, Inc., as to Maginais Cotton Bills, Br. 79, Senigmain Company, Inc., bas been muchered and filed with the Government of Componention as Authorization No. 0-74, which omitties the schools of whipmonts of coment bage, and also the term of payment, culted for in contrast with said wander, dated Bosember Nr. 1920, Authorization No. wander, dated Bosember Nr. 1920, Authorization No. and Patifick.

Hr. Miller than presented a copy of a proposed lease between this Corporation and Warren County Warehouse Company whereby Warren County Warehouse Company leases our Storehouses Nos. 1, 2 and 3, for a pariod of one year from December 31, 1920 at an annual rental of \$6,000.00, and requested ratification of his action in executing satis lease.

> Vice President and Financial Executive.

On motion made by Mr. Shelmerdine, seconded by Mr. Orane, and by unanimous affirmative vote, the following resolution was adopted:

ESECUTED, that the sotion of Mr. Kerry F. Miller, Vice President and Financial Executive, in accounting on behalf of this Gorporation a certain lease with Warren County Warehouse Company, a copy of which he been numbered and filed with the Secretary of this Corporation as Authorisation No. 0-76, whereby The Edison Portland Comman Company leases the premises known as Warehouses Nos. 1, 2 and 5, situated at New Village, N. J., to Warren County Warehouse Company for the term of one year from December (1, 1200 at in smantal revist) of Six Thousand of the County of the County of Six Thousand of the County of the Cou

Mr. Miller then presented a copy of an agreement between The Bilson Portland Cement Company and Warren County Warehouse Company providing for the storage of cement and baled cupty bags by the Warren County Warehouse Company and requested ratification of his action in executive said agreement.

> Vice President and Financial Executive

On motion made by Mr. Shelmerdine, seconded by Mr. Crame, and by unanimous affirmative vote, the following resolution was adopted:

BESGLYMD, that the action of Mr. Marry F. Miller, vice breafent and Finantial Executive, in according to behalf of this Corporation, a certain agreement with Warren County Warehouse Company, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. 0-77, whereby Warren County Warehouse Company agrees to store committee and the company in the company across the control of the county of th

There being no further business, the meeting adjourned.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Tuesday, September 27, 1921, at 10:15 o'clock a.m., at the principal office of the Corporation, West Orange, N. J.

Present:

Theron I Grame, Charlos Elison, Stephen B. Hambert, Chairman pro tem; William H. Moadeworoft,

Harry F. Miller, Willard F. Reid,

William H. Shelmerdine, Directors; J. W. Robinson,

Paul J. Buttlee, Assistant Secretary.

For the reasons given heretofore, Mr. Thomas A. Elison was excused from serving as Chairman, and the meeting was called to order and presided over by the Fresident, Mr. Stephen B. Hambert.

The minutes of the meeting held May 30, and the two meetings held June 3rd at 10:30 a.m. and 4:00 p.m., were read, and on motion by Mr. Grane, seconded by Mr. Reid, and by unanimous affirmative vote, were amovered and accepted as read.

Referring to the minutes of the meeting held in the morning of June Sri, ir. Kambert stated that he wished to medify a tatement which had been made at that meeting regarding the time of completion of the plant improvements, which was given as being some time during September. He explained that, although the improvements themselves were completed so far as installation was conserned, the change-over from the old to the new units is, in part, being deferral until some time in December, because our low stock and heavy shipments do not permit of a shut-down and the loss of production incident thereto.

Mr. Robinson stated that Mr. Steuer, Vice President and Works Manager, had requested retification of the action of the General Furchasing agent in placing an order with the Lackswamma Coal

Company, covering our requirements of Anthracite Rice coal, estimated at 1800 tons per month, for the three months from September 5th to December 5th, 1921, at \$4.60 per gross ton, f.o.b. New Village, N. J.: Rice coal being substituted for Barley coal because of its lower ash and moisture content.

Approved:

Vice President and Works Manager.

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Gameral Manager.

On motion by Mr. Reid, seconded by Mr. Crane. and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the action of Mr. William Dykeman, General Purchasing Agent, in executing on behalf of The Edison Portland Cement Company, a certain order, \$75720, with the Lackawanra Coal Company, Firemen's Building, Newark, E. J., dated August 31, 1921, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. C-78, and providing for the purchass of:

Quanti tv:

Our requirements from September 5th to Documber 5th, 1921, estimated at 1800 tons per month.

Material:

Anthracite Rice Coal

Price and Point of Delivery: \$4.80 per gross ton, f.o.b. New Village, N. J.

Total Expenditure:

Not to exceed \$26,000.00

be and hereby is approved and ratified. /

Mr. Robinson, further stated that Mr. Steuer had requested that the General Purchasing Agent be authorized to execute a contract with United States Gypsum Company to cover 50% of our approximate requirements of Grushed Gypsum Rock, estimated to be 500 tons per month, during the period April 1st to December 31st, 1921, at \$3.50 per net ton, f.o.b. mines.

Mr. Steuer likewise requested that the General Purchasing. Agent be authorized to place an order with M. J. Dougherty Company for

"All Piping Materials covered by Specifications attached to the order" at a cost of \$14,640.00 erected in place complete. This order is in addition to those previously placed in connection with the Mill improvements.

Vine President and Ganaral Managan.

Approved:

Vice President and Works Manager.

On motion by Mr. Reid, seconded by Mr. Crane and by unanimous affirmative vote, the following resolutions were adopted:

> RESOLVED, that Mr. William Dykeman, General Purchasing Agent, be and he hereby is authorized to execute on behalf of The Elison Portland Coment Company, a certain contract with United States Gypsum Company, Ellicott Square Building, Buffalo, N. Y., dated March 23, 1921, a copy of which has been numbered and filed with the Scorstary of this Corporation as Authorization No. 0-79, and providing for the purchase of:

Quantity:

50% of our approximate requirements from April 1 to December 31, 1921, estimated at 500 tons per month.

Material:

Crushed Gypsum Rock.

Price and Point of Delivery: \$3.50 per net ton, f.o.b. Mines

Total Expenditure:

Not to exceed \$21,000.00

This authorization is made conditional on execution of the contract before October 27, 1921.

RESOLVED, that Mr. William Dykeman, General Purchasing agent, be and he hereby is authorized to execute on behalf of The Edison Portland Coment Company, a certain order, \$71473-F, with M. J. Dougherty Company, 25th & Washington Ave., Philadelphia, Pa., dated August 16, 1921, a copy of which has been numbered and filed with the Secretary of this Corporation, as Authorization No. C-80, and providing for the purchase of;

Quantity and Material:

All Piping Materials covered by epsoifications attached to

Price and Total Expenditure: Not to exceed \$14,640.00. erected in place complete.

This authorization is made conditional on the placing of the order before October 27, 1921.

Mr. Redirson presented and read letters from The B. P. Goodrich Rubber Company, Atlantic Refining Company, and Macan Jr. Company, which were ordered numbered and filed with the respective contracts, and copies spread upon the minutes of this meeting.

"June 13. 1921.

Bilson Portland Coment Company, Orange, N. J.

Reduction in contract prices.

Gentlaman:

In compliance with your telephone request of June 10th we attach hereto may prices on Longlife Conveyor Belt and Transmission Balts which are to replace those in your contract with us dated February 14, 1921.

Will you please acknowledge these prices by signing the two attached copies and returning them to this office, appending the original to your contract?

Very truly yours,

THE B. P. GOODRICH RUBBER COMPANY (signal) W. Lippincott Mechanical Sales Dept."

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"July 13, 1921.

The Edison Portland Coment Company, Stewartsville, N. J.

dentlemen:

Referring to lubricating contract expiring Harch 1,1922, ploase note that on and after today, until further advised the following billing prices will be effective on the products named

	Bulk Tank cars	Wood Barre	
Atlantic Cylinler Cil	- 19.50¢ net - 10.25¢ net - 10.75¢ net	42.25¢ 51.25¢ 29.50¢ 18.25¢ 18.75¢ 7.00¢	net net net

f.o.b. New Village, N. J. and Oxford Parnace, N.J.

The above subject to all terms and conditions specified in the agreement, and as this concession is entirely voluntary on our part, we reserve the right, should market conditions warrant, to re-

wert at any time to the original prices specified in this agreement.

Yours truly.

THE ATLANTIC REFINING COMPANY. Per (signed) John W. Liberbon."

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Edison Fortland Coment Co., Stewarteville, N. J.

"September 22, 1921.

Dear Sire

Dear Sir

Confirming the writer's conversation with you today, we are pleased to awrise that a decline of \$\mathcal{E}\$ on Godynar Conveyor Belt will be effective on such orders as you may place with us, unless such decline has been anticipated in our price to you.

We are not prepared at this writing to savise you definitely on Transmission, but there will be a decline in Transmission Belting within the next for days we believe, which will be made affective on all Transmission Belting purchased by you from us.

Very truly yours,

MACAN JR. COMPANY.

(Signed) Geo. O. Macan, Jr. President."

Mr. Mambert reported that, in the course of errengthening our selling organizations, certain changes had been made, and that the reeliguation of Mr. Bert W. Kessel, Manager Philadelphia District, had been accepted, and Mr. J. Hansell Prench had been appointed District Manager of the Fhiladelphia District.

Mr. Reid stated that this was a matter for the executives, and upon his motion, secondal by Mr. Grame, the above action was approved.

For the further information of the Seard, Mr. Hesbert etated that he had authorised memberships in the Deal Golf Club and the New York Athletic Club, held by Mr. R. A. Schiler, Vice President and Manager New York District, pointing out that this action was very desirable

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in strengthening our contact with the trade.

Mr. Reid felt that no resolution was necessary to ratify this action, and it was the sense of the meeting that this was a matter for the executives.

Mr. Miller requested authority of the Board to open an account in the mass of the Corporation, with Mechanics and Metals Eatlonal Bank of New York, E. Y.; also with the Commercial Trust Company of Philadelphia, Fa. to be known as "Philadelphia Salee Office Account."

> Vice President and Financial Executive.

On motion by Mr. Orane, seconded by Mr. Reid, and by

RESOLVED, that the Vice President and Financial Executive of this Corporation be and he hereby is authorized to furnish the Bochanies and Mattella Mational Bank of New York, N. Y. with a certified copy of the By-Laws of this Corporation.

RESOLVED, that the Vice Precident and Firancial recutive be and he hereby is authorized to furnish the Mechanics and Metals National Bank of Hew York, N. Y. with a certified list of the elective officers of this Corporation.

BESOUVED, that is accordance with that portion of the By-Laws of this Corporation relating to FILMENCIAL EXEMPTING, the Vice Fresident and Pinnolal Executive hand he havely is suthericad to open a bank account with the Eschanics and Metals National Bank of New York, R. T. for said that he made of this Corporation, and to the property of the Corporation of the Corporation of the limit with said bank in said account, from time to the corporation of the Corporation of

RESOURED, that the Vios President and Pinancial Excentive be and he harby is Instructed to draw aspecially to the attention of said bank, that portion of the Ny-Laws of this Corporation relating to the proper signing of CEROMG AND DUCES, and be if further

RESOLVED, that the Vice President and Financial Executive be and he hereby is instructed to draw the attention of said bank to the second paragraph of that portion of the Sy-Law of this Corporation relating to TREASURER, relating to endeath of the Corporation upon any and all checks, drafts, moterant of the interest of every thind deposited by or on behalf of this Corporation with said bank for great, or for collection, or otherwise, and he is threther the

RESOLVED, that the Vice President and Financial Executive be and he hereby is instructed to draw the attention of said bank to that portion of the By-Laws of this Corporation defining the duties and authority of the FINANCIAL EXECUTIVE, and subject to the By-Lawe of this Corporation, the Vice President and Financial Executive is authorized to act for this Corporation in all matters and transactions relating to any of its business with said Machanias and Matals National Bank of New York, N. Y., and, subject to the By-Laws to effect loans at any time for this Corporation from said Mechanics and Metals Mational Bank of New York, N. Y., and for such loans to make, execute and deliver promissory notes; each note to be eigned in accordance with that portion of the By-Laws of this Corporation relating to CHECKS AND NOTES.

RESOLVED, that the vice President and Phrancial Executive of this Corporation be and he bereby is authorized to furnish the Commercial Trust Company of Philadelphia, Pa. with a certified copy of the By-Laws of this Corporation.

ERSOLVED, that the Vice President and Pinancial Executive be and he hereby is authorized to furnish the Commercial Trust Company of Philadelphia, Pa. with a certified list of the slective officers of this Corporation.

RESOLVED, that in accordance with that portion of the Dy-Laws of this Obsporation relating to PNIMMIAL EXECUTIVE, the Troe President and financial Executive be and he hereby is authorized as a bank account with the Occasional Transless and the Section and the theory as PNIMMIAL and the Comparation, and to deposit and in the mass of this Obsporation, and to deposit with said bank in said account, from time to time, any and all cheeks, a faster, money, and other items of any

RESOLVED, that the Vice President and Pinancial Executive be and he hereby is instructed to draw sepecially to the attention of said bank, that portion of the By-Laws of this Corporation relating to the proper signing of OREGOS AND NOTES, and be it further

RESOLVED, that the Vice President and Plumenial Evaluation to a min he horeby is instructed to draw the attention of said bank to the second paragraph of that portion of the Ry-Laws of this Corporation Palating to endorsements on behalf of this ERRESURER, relating to endorsements on behalf of this

Corporation upon any and all checks, drafts, notes and other instruments of every kind deposited by or on behalf of this Corporation with said bank for codit, or for collection, or otherwise, and be it further

RESOLVED, that the Vice President and Financial Executive be and he hereby is instructed to draw the a attention of said bank to that portion of the Ry-Laws of this Corporation defining the duties and authority of the PINANCIAL EXECUTIVE, and subject to the By-Laws of this Corporation, the Vice President and Financial Executive is authorized to act for this Corporation in all matters and transactions relating to any of its business with said Commercial Truet Company of Philadelphia, Pa., and, subject to the By-Laws to effect loans at any time for this Corporation from said Commarcial Trust Company of Philadelphia, Pa. and for such loans to make, execute and deliver promissory notes; each note to be signed in accordance with that portion of the By-Laws of this Corporation relating to OREGES AND NOTES

Ir. Hiller state; that in comments with the account to be opened with the Commencial Trust Company of Philadelphia, Pa., It would be necessary to authorize Mr. Joseph P. Orowley, Cashier, to sign end Mr. J. Hansell Promoh, District Emmager, to countersign checks drawn on the Taule of the Corporation in said account.

Vice President and Pinancial Executive.

On motion made by Mr. Shelmerdine, seconded by Mr. Orane, and by unanimous affirmative vote, the following resolution was adopted:

RESOLUED, that the Commercial Trust Company of Philadolphis, Pa, is hereby authorized to make payment of the funks of this Corporation carried in its account, known as Philadolphis. Salse Office Account, upon the checks of the Billoon Fortland Comment Company, when signed by Hr. Joseph P. Crowlay, as Cashier, and countersigned by Hr. J. Ransell French, as District Ranager; and authority to respectively sign and countersign such checks is hereby granted to Messrs. Joseph P. Crowlay and J. Ransell French.

Mr. Harry F. Miller, Vice President and Financial

Executive, stated that from time to time during the calendar year 1920 ha had reimbursed the President for expenses aggregating \$1,000.00, and requested the approval of the Board of his action in so doing.

Vice President and Financial Executive

On notion made by Mr. Grane, seconded by Mr. Reid, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the action of the Vice President and Financial Executive in reimbursing the President in sums aggregating One Housand Dollars (\$4,000.00) for expenses during the calendar year 1920, be and the same hereby is approved and ratified.

Mr. Miller stated that the interest on the Pirst Mortgage 6% Bonds would be due October 1st, 1921, and that he wanted the vote of the Board before making the mosessary disburements, which will aggregate \$45,000.00.

Vice President and Pinancial Executive.

On motion by Mr. Reid, seconded by Mr. Crane, and by

unanimous affirmative vote, the following resolution was adopted;

manufully, that the proper officers of this Oorportion he and they hereby are suthorized and directed to purchase the interest coupons from the Piret Mortoges 65 Sonds of this Copporation, which become due and payable October let, 1921, the amount of such disbursesment being forty Five Encesant Dollars (246,000.00).

Upon inquiry from Mr. Shelmerdine, Mr. Hiller stated that there were still \$26,000.00 worth of bond interest coupons unpaid.

Spanking of our rost operations, Mr. Nambert estated that at a previous meeting he had mentioned 6,000 barrele per day as being the ordinary capacity of the Mill, and for the past thirty dayo it had produced at that rate. He monitoned, however, that we had run as high as 6800 barrels per day through the kilms, which are the heart of the will.

He further stated that there were minor readjactments to be made in our new installations, which were being worked out, and in this commontone the replacement of the small fame in our Taste Meat Sollers by larger fame, which would give us a greater draught in the kilms and a more complete utilization of waste heat in our boilers. The expense or this work, which will be approximately \$40,000.00, will be broze by Baboock & Wilcox, who made the installations, under the terms of our commune, with them.

Photographs of the turbine, switch beard, convorters and transformers, were exhibited, showing the completeness of the installation. Photographs of the road work being done on the Washington-Faillipsburg road, on which our causet is being used, were also exhibited.

In answer to a question by Mr. Sholmsrdine regarding the quality of our communt, Mr. Mumbert eath that approximately 50% of our shipments were for use on state roads, and from tested and coaled bins, and that the good quality of the coment was established by the State Inspectors before shipment was made. The remainder of our shipments were giving calment satisfaction, with the few complaints which ordinarily

aries through improper use of the essent, or from other reasons beyond our control.

Mr. Mambert etated that our percentage of the business in the Lohigh am Endeon districts was 5.4 in comparison with the average of 5.3 for the past three years.

Speaking of marketing and prices, Mr. Mambert brought out an instance of the poculiarities and vagaries of the basiness we are in, mentioning the recent price decline of 25f per barrel. In optic of the fact that the shipments for the month of August were 10f groater than the shipments of the past fire-year-average for August, the depicted condition of available coment stock and the continued great decand for cement, a out of 25f per barrel in the price had been made by the Alias Company.

Mr. Mambert pointed out that the recent price decline of 26% per barrel, which follows two previous declines of 26% and 30% per barrel on December 2, 1920 and January 26, 1921 respectively, within the past nine months, was not necessitated by any corresponding declines in the prices of labor, coal, freight and other elements of the cost of coment. Portunately for us, our plant improvements were reaching a stage of compliction when the advantages and commoniar resulting therefrom over smalling us, in a large measure, to adjust ourselves to the leaser price without undue hardship, though the sales price be not in keeping with mamfacturing and marketing costs.

In this connection, Mr. Mambert exhibited a graphic chart of the deficit of the Corporation -

69

GRAPHIC CHART OF DEFICIT enabled to secure the full benefite of our plant improvements, he hoped to forestall increase in deficit during unfavorable business periods and to decrease it during favorable periode. There being no further business, the meeting adjourned. Read and Approved: showing the constant increase in the deficit from the time of our organization up to 1918; the effect of the financial readjustment in decreasing the deficit, and the further increase in the deficit account resultт.н.т. ing from operation during the plant reconstruction period, to April, The chart also brought out the results of the benefits accruing from our improvements in enabling us to earn the interest charges on our deficit account and preventing its further increase, notwithstanding the two price declines of 20¢ per barrel and 30¢ per barrel on December 2, 1920 and January 26, 1921, respectively. Mr. Mambert etated that notwithstamling the latest unfavorable competitive development, aside from a nominal increase in deficit that might accrue between Soptember 16, when the third price decline of 25¢ per barrel occurred, and the time when we would be



MINUTES OF A SPECIAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, February 3, 1922, at 11:00 o'clook a.m., at the principal office of the Corporation, West Grange, N. J.

Present: Thomas A.

Thomas A. Edison, Chairman; Charles Edison, Stephen B. Mambert, Harry F. Miller.

Wm. H. Headoworoft, Theron I. Orane, Wm. H. Shelmerdine,

Willard P. Reid, Directors; J. W. Robinson, Secretary pro tem.

The Chairman stated that this special meeting of the board of Directors of The Elison Portland Gesmat Company was called or the purpose of taking appropriate action on the death of a member f the Board, Mr. Thomas M. Thompson, which cocurred on Pebruary 1st, 922.

On motion regularly made, seconded, and by unanimous iffirmative vote, the following preambles and resolutions were adopted;

WHRRMS, it has pleased Almighty God in His divine providence to remove from us, by death, our belowed fallow-director, Thomas M. Thompson, who, by his real and energy, his strict devotion to the intereste of the Company, and by his noble example endeared himself to all with whom he came in contact, and

WHREAS, he has faithfully and loyally sorved this Company, therefore be it

RESOLVED, that we, the remaining Directors of this Company, give expression to our feelings of heartfelt sorrow on this cocasion of his death; that we extend our most sineare combisions to the bereaved family, in this their ead affliction, and be it further

RESOLVED, that a copy of these resolutions be

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON FORTLAND CEMENT COMPANY.

Held Monlay, April 10, 1922, at 10:30 o'clook a.m., at the principal office of the Corporation, West Orange, N. J.

Present:

Thomas A. Elison, Charles Edison, Stephen B. Mambort, Harry F. Miller,

les Edison, nen B. Mambort, Chairman pro tem;

Harry F. Miller, Wn. H. Mondoworoft, J. W. Robinson, W. D. Cloos, Bernard Steuer, Directors; Secretary pro tem; Vice Pres. & General Manager; Vice Pres. & Works Manager.

At Mr. Edison's suggestion, Hr. Stephen B. Hambert was appointed Chairman pro tam, and called the meeting to order.

On motion by Mr. Miller, seconded by Mr. Meadowroft, Mr. J. W. Robinson was appointed Secretary pro tem.

The minutes of the meetings held September 27, 1921 and September 3, 1922, were read, and on motion by Mr. Charlos Edison, seconded by Mr. Miller, and by unanimous affirmative vote, were approved and accepted as read.

Mr. Hambert announced that he had accepted the resignation of Mr. Paul J. Buttles as Assistant Secretary; and recommended that Mr. P. A. Simolair be elected in Mr. Buttles' stead.

On motion by Mr. Oharlos Edison, soconded by Mr. Miller, and by unanimous affirmative vote, Mr. F. A. Simolair was elected Assistant Socretary to fill the vacancy osused by the resignation of Mr. Suttles.

ifr. steuer requested ratification of the action of the General Purchasing Agent in placing an order with Sethlehem Foundry & Machine Company to cover the purchase of one Company to cover the purchase of the Company to cover th

Vice President and Works Panager.

On motion by Mr. Miller, asconded by Mr. Charles Edison. and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that the action of Mr. William Dykoman, General Furnishing Agent, in executing on behalf of The Elison Portland Cement Company, a cortain order, \$76842, with the Bethlehem Foundry & Machine Company, Bethlehem, Pa., dated December 7. 1921, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. 0-84, and providing for the purchase of:

Quantity:

Enterial:

7'-0" x 24'-0" Compet Tube Mill

Price and Point of Delivory: \$13,700.00 f.c.b. Bethlehem, Pa.

Total Exponiiture:

Not to exceed \$13.700.00.

be and horeby is approved and ratified.

Mr. Steuer requested that the General Purchasing Agent be authorized to execute a certain contrast with The Jaite Company covering our requirements of paper bays from March 15th to December 31st, 1922.

Approvad

Vice President and Works Manager.

Vice President and General Manager.

On motion by Mr. Mandoworoft, seconded by Mr. Miller, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. William Dykeman, General Purchasing Agont, be and he hereby is authorized to execute on behalf of The Elison Portland Coment Company, a certain contract with The Jaite Company, Jaite, Ohio, dated March 15, 1922, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. C-85, and providing for the purchase of:

Quantity; and Material;

Our requirements, estimated at from 800,000 to 1,000,000 Jaite Quarter Barrel, Punsture & Water Proof Edison Paper Valve Bags, Earch 15 to December 31, 1922.

Price and Point of Delivery; \$42.00 per M., in carload lot shipments, f.o.b. New Village, K.J.

Total Expenditure:

Not to exceed \$42,000.00.

It is understood and acreed that should there be any reduction in the Vendor's open market selling price of the product, a voluntary rejuction in price will be made to us, on any ani all shipments made, while such decline is in effect.

(This authorization is made conditional on the placing of the contract before May 10, 1922. 1

Mr. Cloop stated that it had been decided to discentinue the membership held by the Corporation in the City Club of Philadelphia, the annual dues of which are 230,00, but that he considered it desirable to renew momberships held by the Corporation in certain organizations, and requested the Board's approval to these renewals, in accordance with a list submitted at this meeting.

Vice President and General Manager.

For year

On motion by Mr. Charles Elison, seconded by Mr. Miller, and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that the Board of Directors of this Corporation does hereby approve the renewal of the memberships held on behalf of the Corporation in the following organizations;

	Name	Representative	Dues	ending
Bu Ma Ta An	norion Mire. Export Association, ston Chamber of Commerce Hilding Trades Exployer Assn., seachnsotts Highway Assn., rafric Club of New York, serican Socioty for Testing Mater smont Protective Association, priland Commant Association		\$50.00 25.00 25.00 5.00 15.00 15.00 3000.00 3000.00	1/1/23 1/1/23 1/1/23 2/1/23 11/30/28 12/31/22 12/31/22 12/31/22

Hr. Miller requested authority of the Board to open an

account in the mare of the Corporation, with the Broad Street Trust Company, of Philoselphia, Fa.

Vice President and Financial Executive.

On motion by Mr. Charles Edison, seconded by Mr. Meadoworoft,

and by unanimous affirmative vote, the following resolutions were adopted:

RESOLVED, that the Vice President and Financial Executive of this Corporation be and he hereby is authorized to Yurmish the Broad Street Trust Company of Philadiphia, Pa. with a certified copy of the By-Laws of this Dorporation.

RESOLVED, that the Vice President and Financial Expoutive be and he hereby is authorized to furnish the Broad Street Trust Company of Philadelphia, Pa. with a cartified list of the elective officers of this Corporation.

BESONTED, that it monordance with that portion of the By-Lamo of the Gorporation relating to FINALMILL EXECUTIVE, the Youn Freedom and Pinancial Expositive be and he hereby is authorised to open a bank account with the Broad Street Tweet Company of Filiasolphia, Pa., for and in the rame of this Gorporation, and to dopoint with and bank in said amount, from time to time, any and all checks, drafts, Bonzy, and cother times of twing.

RESOLVED, that the Vice President and Financial Recontive be and he hereby is instructed to draw especially to the attention of said sank, that portion of the By-Lawe of this Corporation rolating to the proper signing of

ESSOUND, that the Viso President and Pinnoidal Security be an its barryly is instructed, to draw the attention of said bank to the second paragraph of that portion of the Type of the Corporation relating to REMINURE, and the Corporation of the Corporation with said healt of the Corporation of the

ESSOLVED, that the Vico President and Financial Recontive be and he hereby is instructed to draw the attention of said bank to that portion of the By-Laws or this Corporation defining the duties and authority of the

FIMMOLIA EXCUTIVE, and subject to the Ny-Laws of this Octopromition, the Wios President and Jinasolia Executive is authorized to act for this Octopration in all matters and transactions relating to any of its basiness with said Broad Street Trust Company of Philadolphia, Pa., and, subject to the Ny-Laws to offcost Loans at any time for this Octopration from said Broad Street Trust Company of Phila-Laws of the Ny-Laws to offcost Loans at any law of the Laws precision process, said house to be signed in accordance with that portion of the Ny-Laws of this Octopration relating to CoMENSE AND NOTES.

Mr. Steuer requested that the General Purchasing Agent be

authorized to execute a certain contract with the Macan-Hellsr Company

Elevator Belting from April 10th to December 31, 1922.

Approved:

Vice President and Works Manager.

Vice President and General Manager.

On motion by Mr. Miller, seconded by Mr. Meadoworoft, and

by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. William Dykoman, Conneal Purchasing, the sand he hereby is authorized to exceute on behalf of The Elison Portland Generic Company, a certain contract with The Mean-Heller Company, 52 South Green Street, Esson, Par, dated April 10, 1922, a copy of which has been manibred and filled with the Sectionary of this Corporation as Authorization No. C-88, and providing for the purchase of:

Quantity:

A portion of our requirements, estimated not to oxoged 4,000 feet, April 10 to December 31, 1922.

Material:

Conveyor, Transmission and Elevator Belting.

Not to exceed those listed in

Prices: Not to exceed the contract.

(This authorization is made conditional on the execution of the contract before May 10, 1922).

Mr. Stemer requested that the General Purchaeing Agent be authorised to execute an order with M. J. Dougherty Company for 70 Limostons Skips as per our Drawing B-3060.

Approved:

Vice President and Works Manager.

Vice President and General Managor.

In explanation of the above request, Mr. Monbert stated that the original survey, which was made to determine what rould be necessary in order to introduce ekip service between our Oxford Limestone Quarry and our Hill, indicated that we would need 42 reliway flat care in this service, each one of which should be equipped with four ekips, in addition to which 72 skips would be required for making exchanges at

the Quarry and Grueher, making a total of 240 skipe.

In view of the fact that this plan was partly an experimont; that with the outputs which we were them securing from the mill,
by including the could afford to borrow some medium skips from the
Genont Rook Querry: that he believed that the use of these medium skips
would be an assistance in having the minimum tennage requirements of the
reflired decreased from 40 tens to 25 tens, which proved to be the case;
that he hoped by pressure on the quarry foremen we could overload the
skips sufficiently to meet the minimum, and the all-conclusive reason
that at that time the big production which we are now regularly securing
was only a matter of plan instead of actual attainment, he cut one-third
of the quantity from the original purchase order, limiting it to 160 skips
instead of 340 called for by the plan.

However, in view of the increased production which we are now receiving in accordance with the actual working out of our plan, Mr. Steuer finds himself so hard preceed that he has addressed a memorandum to Mr. Mumbert, as per copy submitted, showing that under the conditions of increased output which bid fair to exist during the coming twelve months, these skipe can be purchased without the expenditure of any more manay than we are now paying out indirectly in minimum loading penalties and increased Sunday and overtime work.

Wherefore, Mr. Mambert recommended to the Board the purchase of seventy additional skips.

President.

On motion by Mr. Charles Edison, seconded by Mr. Miller, and by unanimous affirmative vote, the following resolution was adopted;

MESOLYMD, that Mr. William Dymamm, General Purchasing Agent, be sand he hearby is authorised to except on behalf of the Eddson Portland General Copping, a certain order, \$7941s, with M. J. Dougherty Company, 25th & Westlandton Arcens, \$7941s, with M. J. Dougherty Company, 25th & Copping of which with M. J. Dougherty Company, 25th & Westlandton Arcens, Philadelphia, Ponne, dated April 10, 1822, a copy of which be been numbered and filled with the Secretary of this copporation as Authorization No. 0-99, and providing for the purchase of:

Quantity:

Seventy (70)

Material:

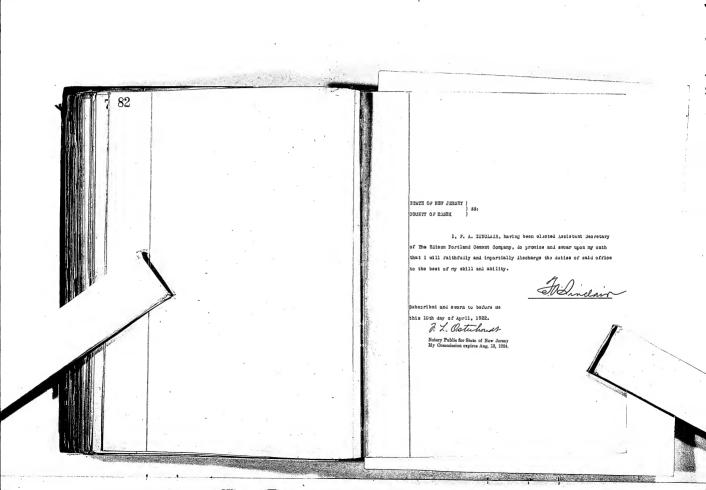
ial: Skips - as per our Drawing 8-3060

Price and Point of Delivery: \$350.00 each, f.o.b. New Village, N.J.
Total Expanditure: Not to exceed \$25.200.00.

Total Expenditure: Not to exceed \$25,200.00. (This authorization is made conditional on the placing of the order before May 10, 1922).

There being no further business, the meeting adjourned.

Read and Approved:	
T.I.C	,
0.E	
T.A.E	
S.B.M. Stflew B Macedet	J. W. Robinson
W.H.M. 5	
H.F.M	
W.P.R	W.H.S



MINUTES OF THE ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON PORTLAND CHMENT COMPANY.

Held pursuant to notice, Friday, May 19, 1922, at 1:30 o'clook p.m., at the principal office of the Corporation, Edison Laboratory, corner Lakesido Avenue and Valley Road, West Orange, N. J.

The meeting was called to order and presided over by the President, Mr. Stophen B. Mambert.

On motion by Mr. H. F. Miller; eeconded by Mr. Shelmerdine, and by ununimous affirmative vote, Mr. J. W. Robinson was appointed Secretary pro tem.

The Secretary pro tem read the roll of the stockholders entitled to vots at this meeting, with the following result:

STOCKHOLDERS PRESENT IN PERSON

_			Number of Shares			
Name			Common	Preferred	Total	
Crane, Theron I. Hughee, Ethel McNeal			10057 722	321 226	10376	
Mambert, Stephen B. Hiller, H. F.			336		336	
Miller, John V. Ott. Frederick P.			. 15	40 15	30	
Reid, Willard P. Shelmerdine, Wm.H.			1650 19869	650 5316	250 2518	

										1
Avlesworth, Est. of J.W.	Adelai	de 1	i. Ayl	les	wort	h,E	xe.		50	50
Baird, David	Therer	ı I.	Orane	•				192	121	313
Barber, Marie S.	10	**						2	1.	. 3
	m *	**	**					20	10	30
Barnitz, Fred B. Baumgartner, John	**	10	10					10	- 1	10
Beacom, James B.	11	19	19					200	200	400
Bent, Felton		"						364	140	504;
Bent, Quiney	**	11						364,	140	504
Bent, Stedman	1)	10	19				٠	364	141	505
Bioren & Company	.,	11	10					100	-	100
Bookhammer, S. W.	- 11	10	**				_	50		50
								94916	7376	41691

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Notary Public for State of New Joses My Onemission expires Aug. 10, 1926.

l .								
Name		Name	of P	coxy		Common	mber of Preferr	
Brought Forward				-				
brought Forward						34315	7376	41691
Brodhead, A. L.	The	ron I	. Cran	e		10	_	
Brown, Henry P.						60	20	10
Buroh, Francis F.					•	25	- 20	80
Cardwell, Henrietta C.						12		25
Carroll, Wm. G		1 11				1000	265	12 1866
Clark, Anna M.		' "				1000	333	1333
Davidson, J. H. Dillinger, Daniel L.			••			36	40	76
Dyer, Frank L.						86	68	154
						60	50	110
Elkin, Adda Prothero	Step	hen :	B, Man	bert		91447	19690	111137
Feble, Frederick A.	Ther	on I	Cran	9		400	500	900
Felton, Edgar 0.	. "		"			500	100	600
Funk, Marion Thompson	"					300	100	400
Garner, S. Carl	"		"			2412	1081	3493
Garner, Est. of Samuel J,			"			370	10	380
Gilmore, W. E.						50		50
Gummey, Mary Magarge						860	180	1040
Hird, A. M.			"			100	50	150
Holland, Mrs. E. Prantel	- :	"				-	5	5
Huff, W. A.		"				34	34	68
Heines, Em. A.			"			86	68	154
Harper, Jessie Cornell			"			192	121	313
Harper, am. Henry			"			125	25	150
Junyier, Est. of multon						-	2	2
Jordan, Walter		,,	,,			188	119	307
Lipper, Harry M.		**				10	-	10
						75	125	200
Masters, Jessie W.	"	- 11				130 .	65	195
Masters, Est. of William	"	**				130	65	195
Matthieu, Est. of John P.	11					100	100	200
	11	**				103	- 164	267
McFarland, James P.	**		,,			-	10	10
Meadoworoft, Wm. H. Moyer, Emanuel	"	**				920	280	1200
Meyer, Florence			,,			25	- "	25
Miller, E. Clarence						1010	100	· 1110
Miller & Company, E. C.		м				10		10
Miller, Florence D.	**	11	**			3951	579	4530
Morse, Est. of Francis G.	"		"			7187	830	8017
Moss, Henry N.		*				50	-	50
Mulford, David P.	**	"	**			80	-	80
U'N0111. Vm. a	11	**	***			100		100
Page, Mrs. Pomp # -		**	**			20	-	20
		**	"			900	450	1350
Fareone, Kathorina n		"	"			2522	886	3408
		"				17519	560	18079
Pliling, Onthout	"	11	11			188	119	307
	. 7	"	*				5	5
Handolph, Jone D	"-	**	*			3500	í	3500
Hommel, Charles n	**	"	"			0010	320	3896
Ross, George G.		111	11			250	57	307
**	**	"	**			200	-	200

STOCKHOLDERS REPRESENTED BY PROXY (Continued)

E				Nu	mber of Sha	
Name	Nan	9 0	f Proxy	Common	Preferred	Total
Brought Forward				176284	34972	211256
Souttergood, Alfred G.	Theron	Ι.	Crane	147	130	277
Soattergood, J. Henry	**	11	"	147	120	277
Soattergood, Margaret	. "	**	"	147	130	277
Hosg, Anna S.	"	n	10	147	129	276
Soattergood, Maria C.	"	**	**	- 588	519	1107
Sohmidt, F. W.	11	**	**	200	100	300
Serrill, Wm. J.	"	**	11	200	100	- 300
Shanbaoker, S. J.		11	**	870	20	890
Shan, Wm. F.	**	**	"	70	60	130
Shelmerdine, Susanna R.	"	77	**	1000	333	1333
Simkins, Eva J.		**		24	12	36
Sisler, Est. of J. Davis	,,	11	**	125	100	225
Stirk, Wm. H.		**	'n	49	. 39	88
Supplee, Wm. L.	н	77	"	125	124	249
Thompson, J. Linton		11		5024	2262	7286
Walker, James W.	**	**		-	150	150
Warren. Arthur F.		11	"	5	5	10
White, Harry	*	**		404	325	729
Wilson, James C.	**	*		316	250	566
Wolbert, Charles E.	*	**		12	6	18
Yarnell, Mre. Mattie	"	"	"	100	100	200
			Total	185984	39996	225980

a majority of the etook issued and outstending seing represented by the holdere thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The Secretary pro tem presented and read a copy of the notice of the meting, togother with the proof of the due mailing thereof, to each stockholder of the Corporation at least ten days prior to the smetting es required by the By-Zews.

The transfer book and the etock book of the Corporation, together with a full, true and complete list in alphabetical order of the stockholdere entitled to vote at the annuing election, with the number of churce held by each, were produced and remained during the election open to inspection.

On motion by Mr. N. F. Miller, seconded by Mr. Shelmerdine,
Mosers. B. R. Jorry and I. V. Welker (not there of them being a condidate
for the office of Director) were appointed Inspectors of Election and
thir searce.

On motion by Mr. J. V. Miller, and seconded by Mrs. Ethol Makeel Sughes, Nessrn. Cheron I. Orane. Charles Edison, Thomas A. Edison, Stephan S. Manbert, Non. H. Shadowsroft, Narry F. Hiller, Millard P. Reid, Mn. H. Shalmerdine and Honry Lemanan were nominated for Directors of the Corporation to hold office for the ensuing year and until their successore shall have been clotted and cumilited.

No other nominations having been made, the poll was declared open by the President at 2:00 o'clook p.m.

On witten by Mr. Reid, seconded by Mr. Grame, and by unanimous affirmative vote, the Scoretary pro ten was requested to cast one ballot for the nominess listed above and deliver same to the In-

On motion by Mr. J. V. Miller, seconded by Mrs. Adelside
M. Aylesworth, and by unnaimous affirmative vote, the reading of the
minutes of the Directors' meetings, held since the previous meeting of
the stockholders, was dispensed with (the minute book being available
for inspection by the stockholders, if desired), and the following
resolution was adented.

REMOUVED, that the sots of the Directors and Officers on behalf of this Corporation as sat forth in the Minutes of the Interest westings, held eince the provious macting of the scokholders, so and the same hereby are approved, ratified and continued.

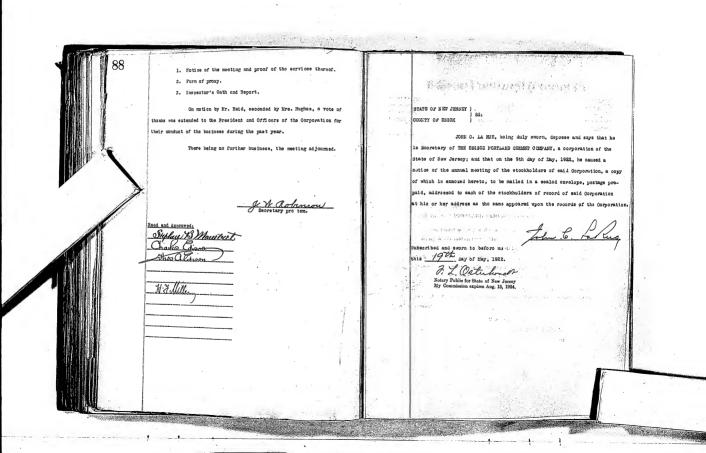
During the hour that it is required that the polls be kept open, a general discussion was entered into regarding the conduct of the corporation's affairs during the past year and the plans for the future, Wr. Mambers stating that as a result of the reconstruction of the Plant at a cost of Two Million Bollare, made possible by the co-operation of the Corporation's Sond and Stockholders and others in interest, the here-tofore existing operating losses were during this year, 1921, changed into operating earnings of \$300,000, sufficient to pay the interest charges on ourrent debt and first mortgage bonds, which improvement it is the present hope of the corporation's officers will be bettered in 1922.

The poll having remained open at least one hour, was closed and the Inspectors presented their report in writing showing that the following gentlemen received the number of votes set opposite their respective names:

Name Theron I, Crane Charles Edison Thomas A. Edison Stophem B. Nambert Wm. H. Meadomoroft Harry F. Miller Willard P. Reid Wm. H. Shelmerdine Harry Lamen	Number of Vo
Theron I, Crane	225.980
Charles Edison	225,980
Thomas A. Edison	225,980
Stephen B. Mambert	225,980
Wm. H. Meadoworoft	225,980
Harry F. Miller	225,980
Willard P. Reid	225,980
Wm. H. Shelmerdine	225,980
Henry Lonchen	nn= 000

The President thereupon declared the above massod gentiesen duly elected Directors of the Corporation to hold office until the next annual election and until their successors shall have been elected and qualified.

The Secretary pro tem was instructed to insert in the Minute Book, for the purpose of reference, a copy of the following papers: 37



an dead made and assented around their other with he at the files. the form through the same lift that we consider about the to the small rea close to prof. We to the strate of the fine the two the transfer of the teacher. the control of the co -th, the approximation of the γ . Then in all solution results of other α metropolic, and is reases in arritement in end to that we terrebla, the fi stillings, and he observe the maps let $r_{\rm obs}$, where so matrix and to did).

Edison Portland Cengent Co.





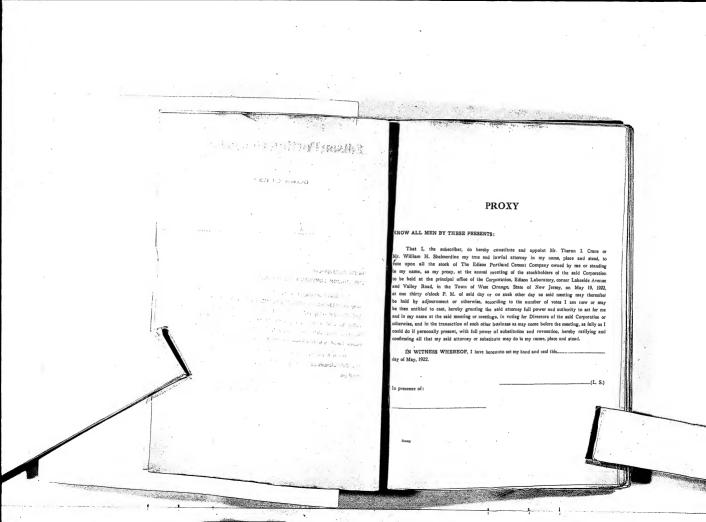
May 9, 1922.

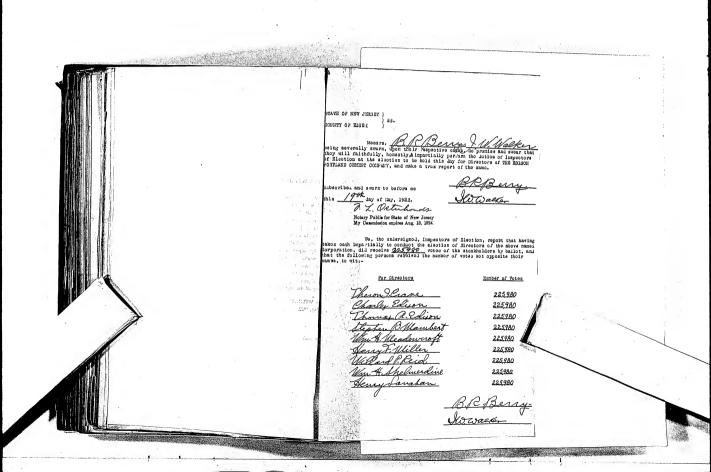
To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edison Portland Cement Company will be held on Friday, May 19, 1922, at 1.30 o'clock P. M., at the principal office of the Corporation, Edison Laboratory, corner of Lakeside Avenue and Valley Road, West Orange, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

JOHN C. LA RUE,





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MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, May 19, 1922, at 4:00 o'clock p.m., at the Edison Laboratory, Valley Road, West Orange, N. J.

Present:

Theron I. Crane, Stephen B. Mambert, Harry F. Miller, Willard P. Reid, Wm. H. Shelmerdine.

Wm. H. Shelmerdine, Directors; J. W. Robinson, Secretary pro tem.

In the absence of the Chairman, the meeting was called to order and presided over by the President, Mr. Stephen B. Numbert.

On motion by Mr. Miller, seconded by Mr. Reid, and by unanimous affirmative vots, Mr. J. W. Robinson was appointed Secretary pgo tem.

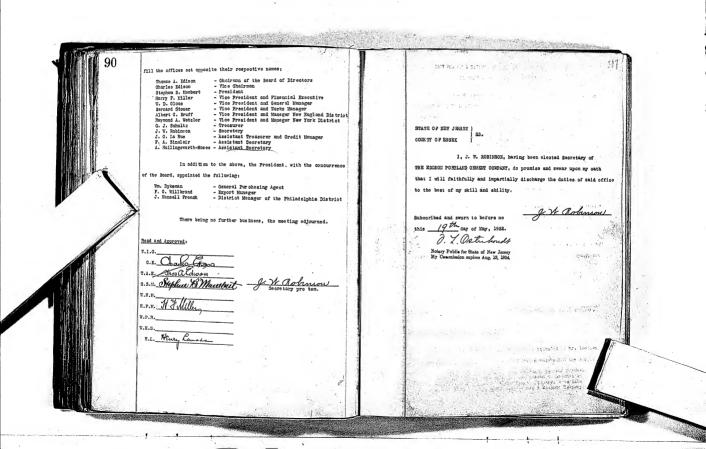
The President stated that officers of the Corporation should be elsoted to hold office until the next regular annual meeting and until their successors are elected and unalified.

The Secretary pro tem then read the list of officers provided for by the By-Laws of the Corporation, as follows:

Onairmen of the Board of Directors
President
Not less than two nor more than five Vice Presidents
Pinnoial Executive
Works Manager
Treasurer
Assistant Financial Executive
Assistant Financial Executive
Assistant Foresurer
Two Assistant Sourcer
Two Assistant Sourcers
Two Manifestant Sources may be detormined

On motion by Mr. Orane, seconded by Mr. Shelmerdine, and by unanimous affirmative vote, the following gentlemen were elected to

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1, J. W. 13811.401, leving stem of very licensery of sent courses for course the relief of the training and array upon the cases that I will deithraily out beartisesy Homano the lastes of reid ordice to the dest of my dilliams ability.

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Notary Public for State of New Jersey 265 Connection trains Aug. 13, 1951.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Thursday, June 15, 1922, at 10:30 o'clock a.m., at the principal office of the Corporation, West Orange, N. J.

. Presont: Thomas A. Edison.

Charles Edison, Stophen B. Mambert, Chairman pro tem;

Harry F. Willer. Wm. H. Meadoworoft. Henry Langhan. Directors:

J. W. Robinson, Secretary: W. D. Clops, Vice Pres. & General Manager; Bernard Steuer, Vice Pree. & Works Manager.

At Mr. Edison's suggestion, Mr. Stephen B. Mambert was appointed Chairman pro tem, and called the meeting to order.

The minutes of the meeting held May 19, 1922, were read, and upon motion by Mr. Miller, seconded by Mr. Charles Edison, and by unanimous affirmative vote, were approved and accepted as read.

Mr. Steuer requested that the General Purchasing Agent be authorized to purchase from the Bethlehem Foundry & Machine Company, one Compet Tubo Mill at a cost of \$15,240.00.

Vice President and Works Monager.

Vice President and General Manager.

on motion by Mr. Charlee Edison, seconded by Mr. Lanahan, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that Mr. William Dykeman, General Purchasing Agent, be and he hereby is authorized to execute on behalf of The Edison Portland Comment Company, a certain order, \$78745, with Bethlehem Foundry & Machine Company.

Bathlehem, Pa., dated May 15, 1922, a copy of which has been numbered and filed with the Secretary of this Ocrporation as Authorization No. 0-90, and providing for the purchase of:

Cunntitys One (1).

· · Material:

Compeb Tube Mill (as specified).

Price and Total Expenditure: Not to exceed \$15,240.00 f.o.b. Bethlehem, Pa.

(This authorization is made conditional on the planing of the order before July 15, 1922.)

Mr. Miller stated that we have an account with the Irving National Bank known as the "New York Sales Office Account", and it is desirable to have someons in the New York Office authorized to countersign checks drawn against this account, and requested that Mr. W. D. Cloos be so authorized.

Financial Executive.

On motion made by Mr. Meadowcroft, seconded by Mr. Lunahan, and by unanimous affirmative vote, the following resolutions were adopted:

> RESOLVED, that Mr. W. D. Cloos, Vice President and Genoral Manager, be and he hereby is authorized to countersign checks of The Edison Portland Company, when drawn against the account of this Corporation with the Irving National Bank of New York, known as the "New York Sales Office Account", and be it further

RESOUVED, that the Irving National Bank of New York be and it hereby is sutherized to make payment of the funds of this Corporation, carried in the account known as the "New York Sales Office Account", upon the checka of this Corporation, when signed by the proper officer, as set forth in the By-Laws of this Corporation, and countersigned by Mr. W. D. Cloos.

Mr. Miller stated that, as Vice President and Financial Executive, from time to time during the calendar year 1921, he had

reimbursed the President for expenses aggregating \$1,800.00, and requested the approval of the Board of his action in so doing.

> Vice President and Financial Executive.

On motion by Mr. Charles Edison, seconded by Mr. Meadoworoft, and by unanimous affirmative vote, the following resolution was adopted:

> RESOLVED, that the action of Mr. H. F. Miller. Vice President and Financial Executive, in reimbursing the President in sums aggregating One Thousand Eight Hundred Dollars (\$1,800.00) for expenses during the calendar year 1921, be and the same hereby is approved and ratified.

Mr. Miller stated that the interest on the First Mortgage 6% Bonds, aggregating \$45,000.00, became due and was paid on April 1, 1922, and requested ratification of his action in making this disburse-

> Vice President and Financial Executive.

On motion by Mr. Charles Edison, seconded by Mr. Mesdowcroft, and by unanimous affirmative vote, the following resolution

> RESOLVED, that the action of Mr. H. F. Miller, Vice President and Financial Excoutive, in purchasing the interest coupons from the First Hortgage 6% Bonds of this Corporation, which became due and psychle April 1st, 1922, the amount of such dis-bursement being Forty Five Thousand Dollars (\$45,000.00),

be and the same hereby is approved and ratified. MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY. There being no further business, the meeting adjourned. Held Thursday, July 27, 1922, at 11:00 o'clook a.m., at the principal office of the Corporation, West Grange, M. J. Read and Approved: Thomas A. Bilson, Charles Bilson, Stephen B. kembert, Chairman pro tem; Earry F. Miller, Uh. H. Headowsrott, Fenry Janahan, Directors; Present. J. W. Robinson. At Mr. Edison's suggestion, Mr. Stephen B. Mambert was appointed Chairman pro tam, and called the meeting to order. The minutes of the meeting held June 15, 1922, were read, approved and accepted. Mr. Miller stated that on September 27, 1921 the Board of Directore authorized Mr. Joseph P. Growley, cashier, to sign chacks drawn on the Philadelphia Sales Office Account" of this Corporation in the Commercial Trust Company of Philadelphia, Pa. As Mr. Crowley has resigned and Miss H. M. Klegg has been appointed in his stead, it is necessary to revoke the above mentioned resolution and authorize Miss Klegg to sign checks on said account. Financial Executive. On motion regularly made, seconded, and by unanimous affirmatove vote, the following resolutions were adopted: RESOLVED, that the resolution adopted by the Board of Directors of this Corporation on September 27, 1921,

(No. 0-83), authorizing Mr. Joseph F. Growley, Oashier, to dip, and Mr. J. Euneall French, District Manager, to countersign, shooks drawn on the funde of this Corporation hold in the "Whitakelphia Sales Office Account" by the Commercial Twest Company of Philadelphia, Pa., be and the same hereby is receinded and revoked, and be it further

BESOLVED, that the Commercial Trust Company of Philadolphia, Pa. hereby is embedded to make payment of the finals of The Edison Portland search of the commercial that the company carted in its economic, known as This man of the control of the company of the control of the company of the season of the control of the cont

Mr. Robinson stated that he had received a memorandum from Mr. Filliam Dykaman, General Purchasing Agent, relative to our contract with The Kacan-Heller Company, as follows:-

> whill you kindly inform the Board of Directors that our contract with The Macan-Heller Company covering the requirements of rubber belints at the General Plant to December 31, 1922, authorization No. 0-66, has been modified to the outent that the prices on all transmission belts are reduced 55 and on all courager beits 155.

This reduction applies to all unshipped portions of orders placed prior to July 1, as well as ourrent orders placed on and after that date."

There being no further business, the meeting adjourned, Read and Approved:

J. M. Robinson

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON FORTLAND CREEKET COLFAIN. •

Held Thursday, September 7, 1922, at 11:00 o'clook a.m., at the principal office of the Corporation. West Orango, N. J.

Present:

Thoms A. Elison,
Oharles Edison,
Stephen E. Mambort,
Edarry F. Hiller,
Ed. H. Sedouvertt,
Henry Landhan,
J. Robinson,
W. D. Oloos,
V. D. Oloos,
Genraal Managor,

At Mr. Edison's suggestion, Mr. Stophen B. Mambert was appointed Chairman pro tem. and called the meeting to order.

The minutes of the meeting held July 27, 1922, were read, approved and accepted.

Mr. Miller requested authority of the Board of Directore to open an account in the mane of the Corporation, to be known as the New York Sales Office Account, with the Bank of America, 40th Street and Madison Aremse, New York, N. Y.

Vice President and

On motion regularly made, seconded, and by unanimous affirmative vote, the following resolutions were adopted:

RESOUTED, that the Yoo Fresions and Financial Exceptive of this Corporation be and he horsely is authorized to furnish the Bank of America of 40th Street and Madison Arenos, New York, N. Y. with a certified copy of the Sy-Laws of this Corporation, and a certified list of its should be of loss and a particular attention being the property of the Street Corporation of the said Sy-Laws under the bankings of Financial Exceptives. Schale Plans, and sufficient and the Street Corporation of Stationard Street Street

RESOLVED, that subject to the By-Laws, the Vice President and Financial Executive be and he hereby is authorised to open a bank account with the Bank of America, 40th Street and Madieon Avenue, Now York, N.Y., for and in the name of this Corporation, to be known as the New York Sales Office Account, and to demosit with said bank in said account, from time to time, any and all checks, drafts, monoy and other items of any kind: and that he be and hereby is authorized to act for this Corporation in all matters and transactions relating to any of its bueiness with said Bank of Aperica, 40th Street and Madison Avenue, New York, N.Y., and subject to said By-Laws to effect loans at any time for this Corporation from said bank and for such loans to make, execute and deliver promissory notes; each such note to be signed in accordance with that portion of the By-Laws relating to CHELKS AND NOTES.

Mr. Miller stated that in commention with the "New York sales Office Account" to be opened with the Bank of America, 40th Street and Madison Arems, New York, N. Y., it would be necessary to authorize fr. W. D. Cloce, Yice Fresident and General Manager, to countersign

Vice President and Financial Executive.

On motion regularly made, seconded, and by unanimous affirmative tots, the following rescuttions were adopted:

MESOLVED, that Mr. W. D. Closs, Vice President and General Langer, be and he hereby is authorized to counter-day choice of the Sites Provided Camera Company, when drum against the account of this Corporation with the Sank of America, 40th Street America Vanue, New York, K. Y., Khown as the West York Sales Office Account, and

RESOLVED, that the Bank of America, 40th Street & Manison Armen, but the Bank of America, 40th Street is authorized to make proper of the funds of this Corporation, carried account known as the "New York Sales Office Account, but the checks of this Corporation, then signed by the Proper Officer; as set forth in the by-Laws of this Corporation; and countersigned by Mr. 70, D. 1000s.

Mr. Closs stated that certain numberships held on bahalf of this Corporation in various organizations, had been renewed, and requested the approval of the Scard to these memberships.

Mr. Cloos also requested the opproval of the Board to a new membership taken out in the American Construction Council, the dues of which are 325.00 for yar ending August 31, 1923.

> Vice President and General Managor.

On motion regularly made, accorded, and by unanimous

affirmative vote, the following resolution was adopted:

RESOLVED, that the Board of Directors of this Corporation does hereby approve the mamberships held on behalf of this Corporation in portain organizations, as follows:

Name	Representative	Dues	For Year
New York Athletic Club.	R.A. Wetzlar	2165.	3/31/23
Daal Golf Club.	R.A. Wetzler	175.	3/31/23
Boston Athletic Association,	A.C. Bruff	75.	4/1/23
Mational Assn. of Credit Man.			7 -7
New York Credit Men's Assn.	J.C.La Rue	25.	4/1/23
Wollaston Golf Club.	A.C.Bruff	100.	4/30/23
Engineer's Olub.	W.D.Cloos	100.	12/31/22
*American Construction Council	.Company	25.	8/31/23
*new membership.			

Mr. Maxbert presented a copy of a lesse between this Conporation and the Tarran County Warehouse Commany, whereby the latter leases Storehouses Rice. 1, 2 and 5, for one year from December 31, 1921 at an ammunal runted of \$6,000.00; also, copy of an agroment between this Corporation and Warran County Tarehouse Company, providing for the ctorage of commont and baled copyty bags by the Warran County Tarchouses Company. Mr. Emphert requested ratification of his action in excouting the aforamentioned lease, and bay agreement, with the Warren County Warchouse Company.

Stephen B Mourbeet

On motion regularly made, seconded, and by unanimous

arrirmative vote, the following resolutions were adopted:

BESONTES, that the action of Lr. Stephon B. Emsbert, President, in essenting on boalf of this Opporation a cortain lease with Eurem Gounty Eurobeause Company, a copy of thich has been unobsered and filed with the Socretary of this Corporation as Authorization No.G-99, whereby The Sitem Portland Coment Company Losses the presides known as Storhozase Ros. 1, 2 and 3, situated at You Yillage, and Young the Company Company

ENDOVED, that the notion of Exc Stephen B, immost, Freelabont, in excepting no holds of this Origonations a certain agreement with Harren Jounty Warehouse Company, a copy of which has been unabored and filed with the Jerutary of this Corporation so Authorization No. 0-97, common and County Excepts Company and issues excepts to store common and county Excepts Company to Company of The County County

There being no further business, the meeting adjourned.

Beatl and Approved.

2.1.0.

0.2. Charles Graga

2.4.1.2. Most Lower

3.5.1. Stylen & Mandrit

3.6.1. Stylen & Mandrit

3.6.1.

J. M. Robinson

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

Held Monday, April 30, 1923, at 10:30 o'clock a.m., at the principal office of the Corporation, West Orange, N. J.

Present:

Charles Biison,
Stephen B. Mambert, President;
Harry F. Miller,
Wa. H. Mandowrott,
Henry Lamahan,
F. A. Sibblair,
W. D. Gloos,
W. D. Gloos,

General Managor;
P. B. Carpenter, Plant Managor;
J. T. MoDermott, Assistant to the President,
The meeting was called to order and presided over by

Mr. Stephen B. Mambert, President.

The minutes of the meeting held July 27, 1922, were read, approved and accepted.

Mr. Oloos requested ratification of the action of the Osmeral Parchasing Agent in excepting a contract with The Jaite Company for our requirements of commt bage for the year 1925, estimated at 800,000 to 1,000,000 bags.

> Vice Prosident and Consral Manager.

On motion regularly made, seconded, and by unanimous

affirmative vote, the following recolution was adopted:

RESOURD, that the action of Mr. William hydeman, General Purchasing Agent, in executing on behalf of The Elison Portland Gement Company a certain contract with The Jatte Company, Jatte, Ohio, dated Docember 1, 1922, a copy of which has been manbered and filed with the Secretary of this Obsporation as Authorization No. C-99, and providing for the purchase of;

Quantity:

Our requirements for the oalendar year 1923 - ceti-mated at 800,000 to 1,000,000.

Cement bage (per specifications).

Material:

Total Emenditure.

Not to exceed \$48,000.00

"Docember 18, 1922.

be end hereby is approved and ratified.

Mr. Similate presented a letter, received from The Juite

Company since the above contract was executed, reducing the contract price for cement bags. A copy of this letter was ordered epread upon

the minutes.

"Edison Portland Coment Co. Orengo, N. J.

"Gentlemen:

We are in receipt of your acceptance of our contract Duc. let covering your requiremente of paper bags for 1923 which has been authorized by your Board of Directors, for which kinlly accept our thanks.

We, however, will be pleased to advice that after making this contract we were able to protect ourselves against the same at a lower figure than what we were originally quoted on raw material and are passing this saving: on to your good selvos and have accordingly changed the price on your contract to \$46.00 per thousand in place of \$48.00 and are implosing copy of our factory order.

Youre truly,

THE JAITE COMPANY. (eigned) R.Jaite."

Mr. Carponter requested ratification of the action of the General Purchasing Agent in executing the following contracts:

The Pursalove Coal Mining Company;

20,000 net tons Mine Run or Slack Coal @ \$2.75 per net ton, f.o.b. cars Mines H & W. Ry.-Total Expenditure \$55,000.00: Murray Rubber Company:

> Part of our requirements (not exceeding 4000 feet) of Conveyor, Transmission and Elevator Belting, at prices specified for the

> > Plant Manager./

On motion regularly made, seconded and by unanimous

affirmative vote, the following resolutions were adopted:

RESOLVED, that the action of Mr. William Dykeman. General Purchasing Agent, in executing on behalf of The Elison Portland Coment Company a certain contract with The Pursglove Coal Mining Company, Cleveland, O., dated Docember 9, 1922, a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. C-100, and providing for the purchase of.

Quantity:

20.000 net tone.

Matorial:

Mine Run or Slack doal.

Price and Point of Delivery: \$2.75 per net ton, f.c.b. cars Mines M. & W. Ry.

Total Exmanditure:

Not to exceed \$55,000.00

be and horeby is approved and ratified.

RESOLVED, that the action of Mr. William Dykeman. General Purchasing Agent, in executing on behalf of The Edison Portland Coment Company a certain contract with Marray Rubber Company, Trenton, N. J., dated January 5, 1923, a copy of which has been numbered and fillsd with the Secretary of this Corporation as Authorization No. G-101, and providing for the purphase of:

Quantity.

A portion of our requirements for 1923, ostimated at not to evened 4000 fact.

Material:

Conveyor. Transmission and Elevator Belting.

Price and Point of Delivery: Prices as spacified in contract: f.o.b. New Village.N.J.

be and hereby is approved and ratified.

Mr. Langhan, General Counsel, stated that Mr. F. A. Sinclair, Assistant Secretary, had submitted to him a statement of the diebur semente made by the Corporation from October, 1921 to December 31, 1922, on account of and in the defense of various suits brought by the United States Government against the Corporation and others, based upon alleged violations of the Federal Anti-Truet Acts. These suite are as follows -

- (a) Equity suit in Now Jersey brought in the United States District Court, District of New Jersey, This suit was discontinued in October, 1921.
- (b) Indictment of March 1, 1921, in the District Court of the United States for the Southern District of New York
- (o) Equity suit in New York, United States District Court for the Southern District of New York.
- (d) Indiotuent of August 8, 1921. This case was tried before the Hon. John C. Knox, Judge and a jury, April 4 to May 26, 1922, and resulted in a disagreement of the jury.

The Now York equity suit was heard before Judge Knox in Pebrua ry last, upon the record made in the above mentioned trial. but no decision has been handed down.

The detailed statement of the disbursements and expenditures, amounting to a total of Thirty-eight Thousand Seven Hundred Forty-eix and ninety-three one-hundrelthe Bollars (\$38,746,93), propared by Mr. Sinclair for the period mentioned above, was submitted ani read.

Mr. Lunahan stated that it was desirable to obtain the approval of the Board of Directors of the diebursements and expenditures made as aforesaid.

On motion by Mr. Manbert and duly seconded by Mr. H. F. Biller, the following resolution was adopted:

RESOLVED, that the action of the officers of the Corporation in mixing expenditures amounting to Thirty-Sight Thousani Seven Hundred Forty-six and 93/100 Dollars (\$38,746.93) in connection with the defense in the following suits brought by the United States Government against The Elison Portland Coment Company and others for alleged violation of the Anti-Trust Acts, mamely,-

(a) Equity suit in New Jorsey, in the United States District Court for the District of New Jersey;

(b) Indictment of March 1, 1921 in the United States District Court for the Southern District of New York;

(c) Equity suit in New York, in the United States Court for the Southern District of New Yorks

(d) Indistment of August 8, 1921, in the United

States District Court for the Southern District of New Yorks. be and the same hereby is ratified and approved.

Mr. Mambert etated that at the time the plant improvement program was up for approval by the Board of Directors (meeting of January 14, 1920) and the stockholders (meeting of February 4, 1920), he was asked to estimate the improvement in the Company's annual earnings which might be expected to result from the carrying out of the plant improvement program as authorized, and at that time estimated that this improvement of earnings conservatively would be half a million dollars a year.

That plant improvements have increased our earnings \$650,000 a year for the past two years, as compared with times previous must not blind ue to the fact that our competitors are continually making improvements, and we must continue to make improvements in order to retain and. ifnoscible, increase our carnings in a market which is fixed by competition. With this in view, I am now etarting on a new plant improvement program; the benefits of which I hope will be sufficiently great to aid to our earnings the decrease which may take place as a larger and larger percentage of our competitors make the improvements which we have already made, thoreby lowering the market price, as competition has the effect of passing any advantages, due to plant improvements, over to the public.

By using our incenuity I believe that we can keep ahead of the game sufficiently to offset any reduction in the above improved earnings and, of course, I am always hopeful of building them up to a higher level.

Mr. Mumbert then presented and read the following state-

Condensed Earnings Statement.

Imome fr. Sales \$ 997,000. \$1,862,000. \$2,917,000.

Exponditures for all materials, labor expenses of mill, solling, general,

legal & association-1.011,000, 2,033,000. 2,442,000.

Gross margin available for Intorest &

wi th

Improve-

ment of

ment Charges 200,000. 200,000. 200,000.

available for interest-- \$ 214,000. \$ 371,000. \$ 275,000. \$546,000

{Pirst Mortgage Bonds	\$90,000	
Plant	Improvement Notes	120,000
Sarned Interest Paid -- Bands	45,000	
Total - 20,000		

Er. Embort amounted that he had accepted the resignation of Mr. Bernard Stoner as Yice Fresident and Works Manager, effective October 24, 1922; and also the resignation of Mr. A. Hallingsworth Mosse as Assistant Socretary, effective October 20, 1922; and on motion duly made and seconded, Mr. Manbert's action in so doing was unanimously

Mr. Miller stated that on July 27, 1922, the Board of Directors an Enertain Miss H. M. Klegg, cashier, to sign chooks drawn on the "Whiladelphia Sales Office Account" of this Corporation in the Com-

mercial Truet Company of Philadelphia, pa.

As Mios Klogg has resigned and Miss Mary A. Loughery has been appointed in her stead, it is necessary to byoke the above-mentioned resolution and authorise Miss Loughery to sign checks on said account.

> Vice President and Financial Excoutive.

On motion regularly made, seconded, and by unanimous

RESOLED, that the resolution shopted by the Board of Directors or this deepwarts on only 27, 1822, (49-42), anthorising Miss H. M. Kange, Gabhier, to sign, and hr. J. Rameall Person, District Immager, to countersign, choosing term on the funks of this Corporation hald in its quitadelphis Sales of fine account why the Commercial great Company of Finiadalphis, Pa., be and the same hereby is rescribed and reviged, and be it further

BESOLVED, that the Commercial Texts Company of Philadelphia, Pa. hereby is an thorized to make payment of the funds of fibe Baitson Portland Genemi Company carried in the account, hown sawihiladelphia Sales of Gind As country upon the checks of said Gorporation, when signed by little Barry A. Loughery as Gambler, and counteraged by lift. J. respectively sign and countersign such checks barry his granted to little Barry A. Loughery and Hr. J. Rameoll Promoth

Mr. Closs stated that certain memberships held on behalf of this Corporation in various organizations had been nonewed, and requested the approval of the Board to these memberships.

Mr. Closs also requested the approval of the Board to a new membership taken out in the mame of J. H. French, in the Contractors Association of Philadelphia, the dues of which are \$100. for the year ending Dec. 31, 1923.

> Vice President and General Hanager.

On motion regularly made, seconded, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the Board of Directors of this Corporation does hereby approve the membershipe held on behalf of this Corporation in certain organizations, as follows:-

For Year Organization Representative Ending Deal Golf Club. R. A. Wat wine 3/31/24 \$ 175.00 N. Y. Credit Men's Association, J.C. LaRue 4/1/24 25,00 maw)Contractors Assn. of Phila. J. H. Fremsh 12/31/23 100.00 Boston Chamber of Commerce, A. C. Bruff 1/1/24 25.00 Building Trades Employees Assn., Company 1/1/24 40.00 Massachusetts Highway Assn. . A. O. Bruff 5.00 Praffic Club of New York. G. L. Perris 11/30/23 27.50 American Society for Testing Mtls(-S.B.Mambert 12/31/23 15.00 (%D.Cloos 15/00 (Frank L. Base 15.00 Engineers Club of New York. 7. D. Cloos 12/31/23 Portland Cament Association. 100,00 Company 12/31/23 50000.00

Mr. Millor stated that the interest on the First Mortgage 65 Sonds, aggregating \$45,000, became due and was paid on October 1, 1922, and \$45,000, became due and was paid on April 1, 1923, and requested retification of his action in making these disbursements.

pproved

flan B. Mandret

Vico President and) Firancial Executive.

On motion regularly made, seconded, and by unanimous

affirmative vote, the following resolution was adopted;

ESOUTED, that the action of Mr. Harry F. Miller, Vio President and Prancial Exceptive, in paying 'try the interest coupon from the Peris Morteage of Bonks October 1st, 1922 as with all blockes des and payable October 1st, 1922 as with 1825 as to tatle of such disbursacens being 1st, 1925, the total of such disbursacens being 1st phony through 1816 (350,000.00), be and the same browly is approved and railfield.

Mr. Mambert. the President, stated that after prolonged

negotiation with The New Jersey Power & Light Company an agreement had been entered into between that company and this corporation under date of July 31, 1922, whereby The New Jersey Power & Light Company was granted the right and privilege of building, constructing, maintaining and operating overhead electric transmission lines across the lands of this Corporation situated in the Townships of Greenwich and Franklin, Warren County, New Jersoy, in the approximate location indicated on the map or plan accompanying the agreement. The consideration paid by The New Jersey Power & Light Co. was the sum of \$5,000. The President submitted an executed copy of the agreement, which was read, and requested ratification by the Board. The President stated that he considered it to be very advantageous to this corporation to have this power line in the vicinity of the mill as a possible source of electrical power: that during the negotiations various bases of supplying electrical energy to this corporation were discussed without reaching any definite agreement. The President submitted and caused to be read a letter from Tho New Jersey Powor & Light Co. of July 25, 1922, in which a possible basis for interchanging excess generating capacity was discussed, and also submitted a copy of his reply thereto of August 12, 1922. The Secretary was instructed to copy these letters in the minutes of this maeting;-

"July 25, 1922. Edison Portland Coment Company.

Orange, N. J.
Attention Mr. S.B. Mambert, President.
Dear Mr. Mambert:

In connection with our several conferences about the use of our power at your plant at New Tillage, I beg to advise that If your Company cares to univertake the septeme of providing that If your Company cares to univertake the septeme of providing that I your Company care that I was a several provided the transmission I has which this company is about to construct carces your property near New Yillage, New Jorsey, on a cortain right-of-ray granted by you under date of Auj 28, 1922, this Company will be willing to interobates excess generating capacity that we are not to be the care of th

I t is understood that neither party assumes the

alightest obligation to furnish or take service, the arrangement being entirely one of mutual convenience and readiness to serve or take.

If, however, at any time the coincident circumstances of readiness to serve and take should coour, it is unierated that the sale of energy by this Company to yours or by your Company to this one, shall be at the following rate, to wit:

Average cost of production per K.W.H. of met attain output for the calendar month during which current is taken, plus 15% to cover transformation and transportation losses, plus five mills (.005) per K.W.H.

It is universion that production cost is to include all power house costs, such as four, power house costs, such as four, power house costs, much as four, power house cost of maintenance, except that in event of any extraorditary dephase having been incurred during may month in which currently, furnished from one party to the other, only one twelfth [1/24th] or including the production of the dephase to that north.

In the case of this Company, production cost of the so-called Dock Struet Station of the Penngylvania Elison'Company located at Easton, Pa. will be used as a basis for billing to your Company and it is further understood that in no event will this Company furnish energy at any rate in excess of 2500 K.W.A.

In all cases bills for service which may be remiered, are to be remiered the first part of the calendar month next succeeding that in which service was supplied and such bills shall be due and payable on the light day of that month.

To beg to specifically call your attention to our understanding that this latter in no some committees a contrest shich carries with it the elightest obligation on the spart of either of us to furnish or taxo service, but instead is incremented to the control of a mutual desire to co-operate in the incrementage of such carries of frank when conditions make such interchange desirables.

We will be pleased to have your acknowledgement of this letter confirming our understanding of its intent.

Yours very truly.

THE NEW JERSEY POWER & LIGHT COMPANY

(signed) Incien H. Tyng, Vice President."

"August 12, 1922.

The Now Jorsey Power & Light Co., 50 Pine St., New York, M.Y.

Attention of Mr. Lucien H. Tyng, Vice Pres.

Gentlemen

This will serve to acknowledge receipt of your letter

of July 25th setting forth a possible future basis for the interchange of excess electrical energy between our power plants. In this letter you refor to a certain right-of-way granted by us to you under date of July 25, 1922. As a matter of fact, the executed right-of-way granent bears date of July 31, 1922.

Yours very truly.

(signed) Stephen B. Mambert, President.**

Stephen B. Mandert

On motion regularly made, seconded and by unanimous

affirmative vote, the following resolution was adopted:

RESOLVED, that the action of the President and Secretary in essenting on bhalf of this Corporation a cortain agreement, dated July Si, 1922, between this Corporation and the New Jersey Power & Light Company, whereby the New Jersey Power & Light Company was granted the privilege of constructing, maintaining and operating overhead electric transmission lines across the lands of the Risson Portland Coment Company, situated in the Townships of Oresemich and Pranklin, County of Interes and States of New Jersey, in the Agreement of the County of th

Mr. Embort stated that our coal plant, which seventeen years ago was the best that engineering skill and monay could then provide, should be replaced with a plant which all embrace the improvements which have been developed during the last seventeen years.

Rundamontally, the method of drying coal by utilizing the exhaust steam of a reciprocating engine, which was the very best practice at the time it was introduced at our plant, is no longer the most economical practice, because the development of huge central turbosomorates using a very small number of pounds of steam per hores power developed has made the operation of an outlying reciprocating engine very uneconomical.

Thon. too. with the advance in the cost of coal, both at the mouth of the mines and in transportation to noint of usa, which has takemplace over the intervening years, the importance of increased fineness in coal grinding in order to make its use mora effective, has brought about the development of more efficient coal grinding equipment. so that in more officient equipment the "fines" are removed by the suction action of a fan as rapidly as they are created, thereby increasing the rapidity of grinding of the remaining mass, reducing horse power per ton, and wear and tear, etc.

Also the tendency is to larger units, a modern plant using one 46" mill to do the same work which in times past used to be done by a 36" mill, thereby reducing operating labor and repair chargas.

Mr. Mambart then submitted the following letter from Mr. F. B. Carpenter in regard to our coal plant:-

"January 4, 1923.

"Dear Hr. Hambart:

Subject: COAL PLANT.

The results of our coal plant investigation, as est forth herein, represent the co-operative work of Er. Sohnewolf, our coal plant foreman, Mr. Shipman, our kiln room foreman, Mr. Altomus, assistant superintendent, Mr. Willaver, our ohief electrician, Mr. Brizoll, our chief engineer and Mr. Dittmar, our plant superintenient, working directly with yourself, and the undersigned in your absence.

Present and past conditions, as reflacted by operations ever since we increased our production from the neighborhood of a million and a half barrels to two million barrele, may be summarized by saying that our quality, volume and aconomy of production have been and are boing soriously menaced by the insufficiency of dryness, finences and quality of our powdered coal

In our present plant -Drying, per ton, costs 880 lbs. Steam 8 \$.55 per 1000-\$.48 p.ton Pulverizing, per ton, costs 55 H.P. Hre. @ 3/44 (2 Foremen # \$.55 an hr., 2 Villars, .41 " " Labor, Costs (2 dryer tenders, 2 conveyor tenders, (\$ \$.37 an hr., 12 hrs. each - - - -Repairs, (labor ani Paterial) -----Totaling In an improved plant-

Drying, por ton, costs 1/60th of a ton of coal 3 \$5.

Pulverizing, per ton, coats 22 HP hrs. @ 3/44----(2 Millers & 50¢ per hr., acting as Foremen, Labor, costs (2 Dryer tenders & 37d per hr., above based (on 12 hrs. work (1 goneral repairman, oilar and clean-up man (# 35% per hr., 10 hrs.----Repairs. (Labor and Material) ----Totaline Savinza four day of 300 tons -----228.00 (per year of 350 days - - - - - - 80,000,00 Advantages of Inpressed Fineness:

Competitive plante, drying and pulverizing their coal with modern equipment, such as we are considering, obtain a fineness of 95 to 97% on the 100 mesh, with the resulting coal consumption in kilms of 88 to 90 lbs. per bbl.

Our consumption has been 95 to 100 lbs. per barrel, with a finances of only 90 to 92 on the 100 megh.

Saving of coal, from the kiln standpoint of 10 loa. per barrel - 3 lbs. of which must be burned under stokers raducing not saving over all to 7 lbs. per bbl.

Savings (per day of 6,000 barrols, 21 tons -- - 3 105,00 a day (per year of 350 days, 7,350 tons - - - - 36,750.00 a yr.

Advantage to Production:

During the past year, since we have been working at the rate of 2 million barrels a year, instead of at the rate of a million and a half, or less, we have lost 1,442 kiln hours time of operation on account of lack of coal, amivalent to 36,000 barrels, representing a loss of income which can be conservatively stated at 50¢ per barrel, that is

18,000.00 a yr.

-----000-----

The saving of a molern coal plant in comparison with our present plant, on the basis of the past years production, can be summarized from the abova. as follows:

per day per year \$228. \$80,000. 1.76 \$228. Economy of coal plant operation(per ton Economy of Kiln operation (per barrel Loss of production (1,442 Kiln hra.)

> Totaling \$383. \$135,000.

37.000.

18,000.

I submit herewith complete proposal from the Fuller-Lehigh Company, whose coal plants are almost standard practice throughout the cement industry, indicating that we can, in ninety days time,

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have a completely modern coal plant, putting us in a position to only coal of the same finness as anyoned by our competitorest mile, that is 95 to 97% on the 100 mesh, in sufficient quantity to amble us, as far as coal is concerned; to mannicum of 7000 harrels a day, at an outside figure, if everything were to be purchased may, at 978,000.00. In view of the fact that we will utilize this installation, all other equipment about the plant as we can make antiable for this purpose, I estimate that the gross expenditure will not exceed half of the above indicated saving. In other words,

THIS SAVING WILL PAY FOR ITSELF WITHIN SIX MONTHS FROM THE DATE OF INSTALLATION, ON THE BASIS OF 6,000 barrels, and

WE HOPE WITH PROPER COAL SUPPLY TO GAIN THE ADDI-TIONAL ADVANTAGE OF INCREASED PRODUCTION UP TO. LAYBE, AS HIGH AS 7,000 BARRELS.

Respectfully submitted.

(Signed) P.B. Carpentor, Assistant to the President."

He. Numbert them presented and read a copy of a certain agreement between this Corporation and the Faller inhigh Company, dated hurch 1, 1923, providing for the purchase of powdered coal equipment at a total cost of thirty-Eight Thousand Two Hundred Forty-Three Dollars (350,245.00). Also a certain agreement between this Corporation and the General Electric Company, dated Eurob 27, 1923, providing for the purchase of electric motors to be used in commercion with the powdered coal equipment, at a total cost of Nine Thousand Seven Handred Dollare (39,700.00).

Mr. immbert requested the Board to formally ratify his action in executing said agreements, stating that he obtained the informal approval of Mesers. Thomas A. Elison, Charles Elison, Harry F. Hiller, Henry Lamban and Theron I. Crane (constituting a majority of the Board), on February 3, 1923, previous to the execution of the agreements.

Stephen B. Maurbert

On motion regularly mais, seconded and by unanimous affirmative vete, the following resolutions were adopted;

RESOUTED, that the action of Mr. Stephen B, Immbert, President, in executing on behalf of this Organization, a cortain agreement with the Suller-Lenkigh Computer, State Minch 1, 1923, and providing for the purchase could could outpoment at a total cost of Thirty-Hight Recommentation of the State Mr. State

BESOLVED, that the action of Mr. Stephan B. Madert, President, in executing on behalf of this Competation, a certain agreement with the General Electric Company, dated March 27, 1983, and providing for the purchase of electric motors, to be used in commention with the produced control equipment, at a total cost of Minn Thousand Sevon Munical Dollars (59,700.00), all as more fully set to a till a skill agreement, a copy of which has boen number of his control and a skill agreement, a copy of which hereby in a Authoritation No. 0-110, be mad the same hereby in

Mr. Eumbort stated that during the past year our Company has enjoyed the benefits of saving 75,000 form of Coal. The Taste Gases resulting from the burning of Cemant Ollimbur are now being passed through Steam Generating Bollers, which extract and convert into useful steam the 725° of heat represented by the difference between the 1200° temperature of Gases leaving the Kilms and the 475 (plus)° temperature at which these same Gases are exhausted into the air.

To trunsfor host from Tatio Gasse 4 475° temporature to Steam of 200 lbs. pressure, itself of 386°, is about the limit of sommony possible within our boilers - designed to whistand the rigors of high pressure, super-heat and cement dust, on basis of 100,000 lbs. of Gas per hour.

It is possible, however, to save another 1070 of Waste Gas temperature by passing these Gases, now being exhausted into the atmosphere, at 4750 and the boiler food water through

-- PRESSURE ECONOMIZERS --Saving of Coal by Reduction of Waste Heat to Lower Temperature; Annual Saving 124° = 10.850.000 B.T.U. 87.500# Water/Hr. 10,850,000 B.T.U. 33,480 B.T.U. in B.H.P. = 324 Boiler H.P. 324 B.H.P. # \$80,00 Year Fuel Cost = \$25,920.00 Less: Mintenance 3% but figured 9% of \$25,000.00 2,920.00 Not Saving \$23,000.00 In addition to this saving of coal, represented by the transfer of additional heat units to the boiler feed water, as above, we will receive in our over all economy the indirect benefit of handling, through our exhaust gas fans, Gases of 1070 less temperature and. consequently, very much lesser volume, which, together with the use of Motors in place of turbine drive on these induced draft fams, will reluce the power consumed in their operation as rollows: Saying of Ocal and Attendance using Motor Pans in lieu of Turbine Pans; 5 x 92 H.P. @ 46# Steam = 21.160 # Steam (New) 5 x 70 H.P. 9 16# Steam = 5,600 # Steam 15,560 # Steam Gross Saving Steam required to operate Condenser Pump noncondensing 2,400 # Steam Net Saving 13,160 # Steam 131.60/3team = 417 B.H.P. Benefit from discontinuing Turbines. 31.5% Steam/B.H.P. 417 Boiler H.P. @ \$80.00 Year Fuel Cost \$33,360.00 Attendance Saving (2 Men) 4.200.00 -----000------

Summarizing, we have - (Coal \$2.10 Mine plus \$2.90 Freight)

\$23,000.00

33,000.00

4,000.00 360,000.00

\$75,000,00

Annual Saving

Coal

Coal

Labor

Saving of Coal and Labor alone will pay for investment in d. I.
15 months time, after which saving will help to earn interest, during the
coming depression in the building industry.

The above installation has been planned so as to be an independent addition to present plant, without change of the present Rans and Turbins, which will be retained to be operated as spares. Also it is planned so that dust collectors can be added at any time without change.

Mr. Humbert them presented and read a copy of a certain agreement between this Corporation and the Green Fuel Sconnelisor Company, dated Earch 22, 1923, providing for the purphase of Green Fuel Economicros at a total oct of Sixty Six Thousani Three Hundred Pollars (956,300.00).

Mr. Mambert stated that the above plan has already been approved in principle, and requested the Board to authorize him to sign said agreement.

Stephen B Maudat

On motion regularly made, seconded, and by unanimous affirmative vote, the following resolution was adopted;

RESOUTED, that it. Stephen 3. Numbert, Fresident, be and he hereby is authorized and directed to eccete, on behalf of this Orgovetion, a covarian agreement with and providing for the purchase of . Green Paul Bonomizer at a total cost of sixty Six Thomsand three Eundred Schlare (865,500.00), all as more fully set forth in said agreement, and the set of the purchase of the set of the

Mr. Oloos requested ratification of the action of the General Furchasing Agent in executing the following order:

Richardson-Garrett Bag Company: 1 carload (approx.100,000) Burlap Cement Bags at \$177.50 per M., f.c.b. New Village, Vice President and General Manager.

Er. HoDermott requested ratification of the action of

Tippstt & Wood: 1 Building, as shown on Faller Engineering Oo's Drawings 7105 and 7093, at \$10,920.00 erected at our works. New Villago, N. J.

Assistant to the President.

On motion regularly made, esconded, and by unanimous affirmative vote, the following resolutions were adopted;

the General Purchasing Agent in executing the following order:

RNOWED, that the action of Mr. William prisman, General purchasing Again, in essenting on behalf of The Silson Fortland Bonom Company, a certain order, \$82594, with Sideradon-Garrett Bag Company, G. Footifo St., Jorsey City Ir. 3r, dated March 14, 1933, a copy of which has been numbered and filed with the Scoretary of this Corporation as Authorization No. G-103, and providing for the purchase of:

Quantity:

1 oarload (approx. 100,000).

Laterial:

Burlap Coment Bags, as specified.

Price and Point of Delivery: \$177.50 per M. f.c.b. New Village, N.J.

Total Expenditure:

Not to except 317.750.00.

be and hereby is approved and ratified.

to and nerony-is approved and ratified.

BESOLVED, that the action of Mr. William Dykaman, clearful Purchasing Agout, in computing on bolait of The Lison Portland General Company, a certain order, 492305, with Tippett & Wood, Phillipaburg, N. J., dated April 4, 1923, a copy of which has been numbered and filled with the Secretary of this Corporation as

Authorization No. C-106, and providing for the purchase of:

One Building, as shown and noted on Fuller Engineering Company's Drawings 7105 and 7093, at a total expeniture or \$10,920.00, orected in place complete at our works, New Village, N. J.

be and hereby is approved and ratified.

Mr. Mambort stated that all daring the first quarter of this year there was quite a notiseable tendency for labor to slip away from us, especially in the month of March, but he had held back from approving a wage increase until he became very certain in his own mind that sufficient advances were taking place in other lines, so that if we advanced we would be in the same relation to the market as heretofore.

By announcing an increase of 54 an hour effective April lst, we were able to build up our force to confortable proportions, and in so doing were only ten days ahead of the increase by the Steel people, which appears to be the determining factor in regard to wage levels in the Achief Walley.

Our forward commitments taken during the Fall and Winter were all taken at a price based upon the above anticipated increase as of April lst, and a further increase of 5¢ during the height of the season, which of course, we will not grant unless it is absolutely necessary so to do.

Mr. Embert them stated that the result of the Company's operations for the three months, January, Pebruary and Parch, 1923, is reflected in the following statement of carnings.

Cash Received from Sales- - - - -Not Operating Enraings---- (Before providing for payment of interest)

We enjoyed an oven break from operations in spite of the unusually severe weather which seriously handicapped operation of our marries during the winter.

Additionally, by operating instead of shutting down during this period we were able to increase our etook of Cement from 124,000 to 324,000 barrels, an increase of 200,000 barrels, the earnings on which will accrue during the shipping season.

There being no further business, the meeting adjourned.

Read and Approved:

MINUTES OF THE ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON FORTLAND CEMENT COMPANY. V

Held pursuant to notice, Friday, May 18, 1923, at 1:30 o'olock p.m., at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Valley Road, West Orange, N. J.

The meeting was called to order and presided over by the Precident, Mr. Stephen B. Mambert.

On motion by Mr. Roid, esconded by Mr. H. P. Miller, the reading of the roll of the etockholders was dispensed with, the Assistant Secretary, Mr. F. A. Sinclair, being instructed to make note of the etockholders present and the proxies presented, with the following result:-

STOOKHOLDERS PRESENT IN PERSON

					mber of Sh	
Name		-		Common	Preferred	Total
						*
Elicon, Thomas A.				91442	19690	111132
Lanahan, Henry				. 5	_	5
Mambert, Stephen B.				. 336	-	336
Meadoweroft, Wm. H.				25	-	25
Miller, Harry F.				-	5	. 5
Pierman, A. N.				٠	. 5	.5
Reid, Willard P.				1650	650	2300
						1.00

STOCKHOLDERS REPRESENTED BY PROXY

		. Nom	e of Prox	L				٠.,	-
		72a. H.	Meadowroi	rt .	2.1	5	0 .	10	60
	Ott, Ludwig F.	** **	.01				of a	. 5	5
- /	Wurth, Estate of Charles	N. "						20	20
100	Brown, Henry P.	Harr	y F. Mille	ar .		. 6	0	20	60
	Burch, Francie F.	11				. 2	5	-	25
	Harper, Mrs. Jessio Corne	11 "				12	5 -	25	150
	Harper, William Henry	11	**			F 12		2	2
	Hird, Allan M.	11				_		- 5	5
	La Dow, Mrs. Hary E.	**	**			10	0	-	100
	Woodman, Walter I.		"			13	6	21.8	354
	Janvier, Est. of Walter	Honr	y Lanahan'	**		. 18	8	119	307
	McFarland James P.	**	19-		100	92	0	280	1200
	Schively, Yale R. & Donal	d. Tr."				35		-	350
	Sohmidt, F. W.					20	0	100	300

STOCKHOLDERS REPRESENTED BY PROXY (continue1)

					er of Shar	
Namo	Name of	Proxy			Preferred	
Bennyaht forward				95612		116766
Barnitz, Frei B.	Stephon I	. Membert		20		30
Beacon, James S.	70			200	200	400
Bent, Felton				364	140	504
Bont, Quincy				364	140	504
Bent, Stoaman	18	11		364	141	505
Bookhamser, 3. 7.	19			50		50
Bromley, Joseph H.		u		956	578	1534
Campbell, Winfield 3.				60	-	60
Carroll, Mr. G.				1000	255	1265
drame. Theren I.				10057	321	10378
Dillinger, Daniel L.	10	1 10		- 86	68	154
Dillingar . minist n.				60	50	110
Dyor, Frank L.				500		600
Fable, Produciok A.	- :			300	100	400
Felton, Elgar O.				2412	1081	3493
Funk, Marion Thompson	"					
Garner, S. Carl				370	10	360
Carner, Est. of Samuel J.				50	· .	50
Gilmore, W. E.		"		860	180	1040
Grange, William	. "			1071	4.23	1494
Haines, William A.				192	121	313
Hanna, Miss Anne L.	"	19		100	-	100
Hecker, Oscar		. 11		185	50	235
Holland, Mrs. E. Frankel	**	0.0		34	34	68
Hosmar, Clara M. B.	12	**		200	100	300
Huff, 7. A.	19	17		86	68	154
Jordan, Walter		11		10		10
Katzenbach, Ers. N. McNoal	н	11		662	227	889
Mallory, Waltor S.	19			9766	103	9869
Masters, George				130	. 65	195
Masters, Jossie V.				130	65	195
Masters, Est. of William	,,			100	100	200
McGarthy, Est. of Felix	**			-	10	10
Mayor, Branuel				1010	100	1110
Shanbacker, 3. J.				870	20	890
Mayer, Mrs. Florence				10	-	10
Morris, Henry S.				40		40
Morse, Alice J.				6	10	16
Parmly, Est. of Ehrich		,		30	20	50
O'Neill, Was C.		ï.				
Parsons, Ers. Katharina F.	,	"		900		1350
Pilling, Ers. C. Ross	,,			188	119	307
Pilling, W. S.				3500		-3500
Ranlolph Ers. Ama E.				3576	320	3896
Ross, E. Jackson, Jr.,	**			250	57	307
Ross, E. Jackson, Jr.,	4			67	42	109
Scattergood, Alfred G.				147	130	277
Scattergood, J. Henry	**	. 0		147	130	277
Soat tergooi, Margaret				147	130	277
Hoag, Ers. Anna S.	18	11		147	129	27.6
Scattergool, Mrs. Maria C.	18	. 0	. *	588	519	1107
Seeds, Jacob J.				300	100	400
Serrill, Un. J.				200	100	300

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SPOCKHOLDERS REPRESENTED BY PROXY (continue)

				No.	mber of Sha	40.0
	Pane	of :	Proxv	Compo		
Brought forward		-		13847	4 28280	166754
Shelmerdine, Tm. H	Stephen	в.	Mambert	1986	9 5316	25188
Sisler, Ers. Rebecca H.	-,			12		22.5
Stirk, William H.				. 4		88
Taylor, Mrs. Florence H.				4		63
Thompson, T. Mason	11		"	410	940	5044
Thompson, Hannah J.				241	1081	3493
Thompson, Helen			**	-	808	808
Thompson, J. Linton	nt		**	502	2262	7286
Thompson, J. W.			.,	. 6	20	80
Thompson, Est. of Thomas M.	, "			19.		192
Villard, Oswald G.			11	10	-	100
Walker, James W.	11		и,	-	150	150
Warren, Arthur P.	"		"		5 5	10
White, Harry	. 0		18	40	325	729
Wolbert, Charles E.	"			1	6	18
			otala.	17087	39.373	210245

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary. The Assistant Socretary presented and road a copy of the notice of the meeting, together with the proof of the ine mailing thereof, to each stockholder of the Corporation at least ten days prior to the meeting as required by the By-Laws.

The transfer book and the stock book of the Corporation, together with a full, true and complete list in alphabetical order of the stockholders entitled to vote at the onsuing election, with the address of each and the number of shares held by each, were produced and remained during the election open to inspection.

On motion by Mr. Meadoworoft, seconded by Mr. Miller, and byunanimous affirmative vote, the reading of the mirates of the previous meeting of the stockholders was dispensed with.

Messrs. J. M. Hoagland and I. W. Walker (meither of them

boing a candidate for the office of Director) were appointed by the Fresident as Inspectors of Election and duly sworn.

On notion by Mr. Reid, and seconded by Mr. H. F. Miller, Desars, Theron I. Graup, Charles Edison, Thomas A. Edison, Stephen B. Unmbert, Ma. H. Mandowordt, Harry P. Miller, Willard P. Reid, Um. H. Sholmordina and Honry Lamahan were nominated for Directors of the Corporation to hold office for the omening year and until their successors shall have been elected and smalified.

No other nominations having been made, it was moved by ir. Reid and seconded by Mr. Hiller that the nominations be closed. The poil was declared open by the President at 2,000 o'clock p.m., and the stockholders prepared their ballots and delivered them to the Inspectors,

On motion by Hr. Roid, seconded by Hr. A. H. Pierman, and by unanimous affirmative vote, the reading of the mimutes of the Directors' meetings held since the previous meeting of the stockholders, was dispensed with (the minute book being available for inspection by the stockholders, if desired), and on motion by Hr. Pierman, ecconded by Hr. Lamhan, the following resolution was adopted:

REMOVED, that the acts of the Directors and Officers on behalf of this Corporation as set forth in the Minutes of the Directors' meetings, beld since the provious meeting of the stockholders, be and the same hereby are approved, ratifiel and continued.

Daring the hour that the polls were kept open, Mr. Mumbert discusses with the stockholders present the financial condition of the Company. A copy of the preliminary report of the outside auditors of the Company, covering the past two years' operation, was presented, showing that in spite of the may obstacles to economical operation of the plant during these two years, such as coal strikes, our shortage, etc. and

a material decline in the mill price of sement, the profits available, after provision for all expenses of memufacture, distribution, and 3440,000 for depreciation of plant, but before deduction for interest on borrowed memory, amounted to 6356,377.00. Interest amounting to 3650,487,00 has been paid.

As to the progress being made and as a means of preparation for the coming depression in the building inhustry, Mr. Numbert called attention to the numerous improvements and economies that were being effected in the plant. A modern coal grinding plant is being provided which is expected to result in a sawing of 155,000 a year. Pressure economisers are being installed thich will utilize the waste beat gases, now being exhausted into the atmosphere. He also contemplates the installation of Dats Collectors and a Tater Software, which will exsuit in farther savings am he has in mind other cocnomies, such as a rearrangement of the Company's radironal tracks at the mill that might result in the slimination of one or possibly two loccomptions from operation.

A comparative statement of earnings for the period January to May 1921, 1922 and 1923 (May 1923 being estimated) was presented, as

follows:-			
	Jan-May 1923	Jan-Hay 1922	Jan-May 1921
Shipment-Barrels	570600	657603	377694
MET SALES	\$.996,900.00	3980,388.84	\$695,423,16
Loss Cash Discounts	57.080.00	65.760.32	37.769.44
Container Reserve	26,540.00	3.044.18	1,271.19
Purchasel Comont	-	662.47	178.56

CASH RECEIVED FROM SALES \$ 911,280.00 \$ 912,246.81 \$656,561.0 (formarded)

\$ 68,142,03

* Jan-May 1923 (Brought forward)
CASH REUSIVED PROM SALES \$ 911,280.00 3912,246,81 3656.561.09 Less Direct Hill Cost 570.800.00 528.836.63 370,956,30 GROSS CASH MARGIN 3 341.460.00 \$383,410.18 \$285,604.79 Less Mill Fixed Expense 3 86,620,00 3 97,197.22 78,945.92 \$ 71,761.91 60,443.00 13,588.00 Distribution Expenses 52,499.50 Association Dues Constal Expenses 10,612.80 6.420.80 16,724.00 17,430,83 13,597.00 Total -3 177,375.00 \$ 204,186,77 \$144.279.21 CASH OPERATING BARNINGS \$ 164,105.00 \$179,223,41 \$141,325.58 Loss Depreciation of Plant -69,714.00 3 75,624.38 3 51.366.42 MET OPERATING EARNINGS .94.391.00 *May Estimated. The poll having remained open at least one hour, was closed and the Inspectore presented their report in writing showing that the following gentlomen received the number of votes opposite their respective names: Name Humbar of Votes Theron I. Crano 210,245 Charles Edison 210,245 Thomas A. Elison 210,245 Stophon B. Exmbert In. H. Landoweroft 210,245 Harry F. Miller 210,245 Willard P. Roid 210,245 Um. H. Shelmerdine 210,245 Henry Lanahan 210,245 The President thereupon decla rel the above named gontlemen duly elected Directors of the Corporation to hold office until the next annual election and until their successors ahall have been elected and qualified.

The Assistant Sucretary was then instructed to insert in the Minute Book, for the purpose of reference, a copy of the following papers:-

- 1. Notice of the meeting and proof of the service thereof.
- 2. Form of Proxy.
- 3. Inspectore' Oath and Roport.

There being no further business, the meeting adjourned.

Read and Approved:

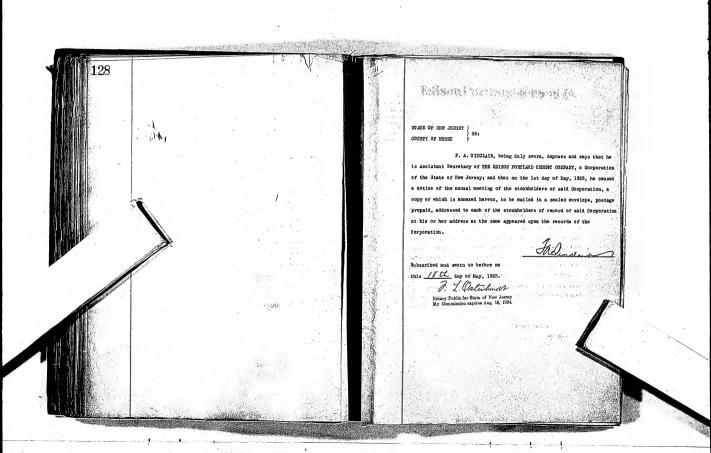
C.E. Charles Gigon
P.A.E. Thos a Courson

W. H. M. W. W. H. Meadowarof

H. F. M. H. A. Milley

W. H. S. _____

Assistant Secretary.



Edison Portland Cement Co.





MILMOT D. CLODE
WE PRESCRI JOS
SOCIAL MARIEN
ALDERT O. DRUPP
WE PRESCRI RESTRICT
RATHOND A. WETZLEP
WIST PRESCRI REVENO
J. HANBELL PRENCH
J. HANBELL PRENCH

May 1, 1923.

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edison Portland Cement Company will be held on Friday, May 18, 1923, at 1:30 o'clock P. M., at the principal office of the Corporation, Edison Laboratory, corner of Lakeside Avenue and Valley Road, West Orange, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Yours very truly,

J. W. ROBINSON,

Secretary

HE (SHEEL OF THE ADDRESS)

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PROXY

KNOW ALL MEN BY THESE PRESENTS:

	4 total 4 total
	, and him failin
	my true and law
stitionery in my name, place and stead to vote upon all the stock of The Edis panay, owned by me or standing in my name, or upon which, for any reason, the, as my proxy, at the annual meeting of the stockholden of the said Corpo principal office of the Corporation, Edison Laboratory, corner Labeside Avenual Town of West Crange, State of New Jersey, on May 18, 1923, at one-thirty or on such other day as said meeting may thereafter be hed by adjournment to to the number of votes I am now or may be then entitled to east, sheeting grant power and authority to act for me in my name at the said meeting, or mee- ters of the said Corporation or otherwise, and in the transaction of such to before the meeting, as fully as I could do if personally present, with full p revocation, hereby ratifying and econfirming all that my said attoracy or a	on Portland Cemer on, I shall be entitle ration, to be held a s and Valley Road, i o'clock p. m., of sai or otherwise, accord- cing the said attorne- tings, in voting for her business as may ower of substitution
IN WITNESS WHEREOF, I have hercunto set my hand and scal this	
	(L, S.)
esence of:	(L, 3.)
To the tree of the	attoriety in my name, place and stead to vote upon all the stock of The Edia myany, owned by me or standing in my name, or upon which, for any rease yote, as my proxy, at the annual meeting of the stockholders of the said Corpor principal office of the Corporation, Edison Laboratory, conter Lakeside Avenus Town of West Orange, State of New Jersey, on May 18, 1923, at one-thirty, or on such other day as said meeting may thereafter be held by adjournment to the number of votes I am now or may be then entitled to east, hereby gram power and authority to act for me in my name at the said meeting, or meetors of the said Corporation or otherwise, and in the transaction of such of the before the meeting, as fully as I could do if personally present, with full pictivation of the control of the cont

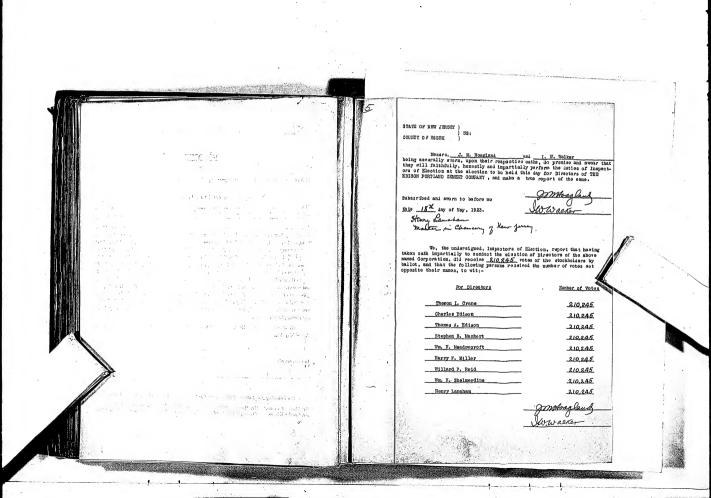
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credeer in no access to seems.

210,245 Thoman J. Orone 310.RAE Charles Palson 210.845. Thomas . Falgon 2.1Q.245 Stephen B. Parbert . RJP, 245 Wm. II Veniorciat Marry F. Miller

> Willard 9. Poid Wm. H. Shelmording

MINUTES OF THE ANNUAL MESTING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Friday, May 18, 1923, at 3:30 o'olook p.m., at the primipal office of the Corporation, Edison Laboratory, corner Lakeside Avonue and Valley Road , West Orange, N. J. Thomas A. Elison.

Present:

Stephen B. Mambert. Wa. H. Meadoworoft. Harry F. Liller. Willa rd P. Reid, Henry Lanahan, Directors:

P. A. Sinolair. Assistant Secretary.

At the request of Mr. Elison, the meeting was called to order and presided over by the President, Mr. Stonhen B. Mambert.

The President stated that officers of the Corporation should be clocked to hold office until the next regular annual meeting and until their successors are elected and qualified.

The Assistant Secretary then read the list of officers provided for by the By-Laws of the Corporation, as follows:

> Chairman of the Board of Directors President Not less than two nor more than five Vice Presidents Pinancial Excoutive General Manager Works Manager Treasu rer 3eo retary Assistant Financial Executive Assistant Transurer Pro Assistant Secretaries . Such other officers as may be determined upon by the Board of Directors.

On motion by Mr. Reid, seconded by Mr. Miller, and by unanimous affirmative vote, the Assistant Secretary was instructed to cast one ballot electing the following gentlemen to fill the offices

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY. V

Held pursuant to notice, Friday, March 21, 1924, at 11;30 o'clock a.m., at the principal office of the Corporation, Edison Leboratory, corner of Lakeside Avenue and Valley Road, West Orango, N. J.

Present:

Charles Edizon, Vice Chairman;

Theron I. Grane, Wm. H. Shelmerdine, Willard P. Reid, Harry F. Miller,

Wn. H. Meadoworort,
Henry Lanchan, Directore;
J. W. Robinson, Secretary;
W. D. Olcow. Vice Presi

Vice President and General

The meeting was called to order and presided over by the Vice Chairman, Mr. Charles Edison.

The Scoretary of the Corporation, Mr.J. W. Robinson, acted as Scoretary of the meeting.

The Secretary was called on to read the minutes of the preceding meeting, held May 18, 1925; and on motion by Mr. Reid, seconded by Mr. Grane, they were approved as read.

The Secretary reported that Mr. Stephon B. Mambert's stock in the Corporation had been transferred to Mr. Thomas A. Edison on Pebruary 4, 1924; and on motion by Mr. Lamaham, seconded by Mr. Meedoworoft, and by umanimous affirmative vote, Mr. Hambert's office as Director was declared wasant. on account of his disculaificant bm.

On motion by Mr. Crame, seconded by Mr. Reid, and by unanimous affirmative vote, Mr. John V. Miller was elected as pirector or this Corporation to hold orrice until the next regular annual meeting or untilhis successor shall have been elected and qualified, Mr. Miller was them

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called in and invited to take part in the meeting.

Mr. Charles Edison stated that Mr. Membert had been Vice President and Pinnotal Executive or a number of Edison Corporations; that he had been asked by Mr. Thomas A. Elison on January 26th to reeign as Vice President and Finnotal Executive, and to Confine his activities to the direction of the Comont Company. Hr. Mambert, however, had declined to continue as President or the Coment Company.

Thereupon, on motion by Mr. Orane, seconded by Mr. Baki, and by unanisous arrimative vote, the resignation of Mr. Stephen B. Mambert as President or thie Corporation was accepted, erfective as or January 26, 1924.

Mr. Grane nominated Mr. Charles Edison as President, whereupon Mr. Edison wasted the Chair, and Mr. Henry Lamham was appointed Chairman Ero ten. Mr. Orans then renominated Mr. Charles Edison as President, which was seconded by Mr. Reid. There being no further nominations, the motion was put to vote and unanimously carried.

Mr. Charlee Edison then took the Chair, as President.

The question or adopting revised By-laws was brought up by the Scoretary; however, inamuch as Hr. Grame considered that all or the proposed changes or the By-laws should have been recited in the notice calling such meeting, and wareas the notice or this meeting had merely stated that "the revision or the By-laws" would be considered, it was decided to postpone the matter until a later data.

The Secretary presented and read a letter from Mr. Thomas A. Edison, as follows:-

"Edison Portlam Cement Company, Orange, N. J.

Dear Sira:

at the present time I am the holder or 75 are

Gement Company totaling \$2,000,000.00, bearing interest at six percent, as per list attached, on which the unpaid interest accrued to March 1,1924, amounts to \$119,242.45

I am willing to accept in lieu or these promissory notes twenty hon-interest bearing demand notes dated March 1, 1924, for \$100,000 each, and one non-interest bearing demand note dated March 1, 1924, for \$19,000 and the state of March 1, 1924, for \$19,000 and the state of the s

Yours truly.

(signed) Thos. A. Edison."
List or Notee (submitted with above letter)

Note No	Date Date	Due	Amount
257	3/25/20	3/31/23	\$25,000.00
258	3/31/20	2/28/23	25,000.00
265	5/22/20	12/31/22	25,000,00
266	5/22/20	11/30/22	25,000,00
267	5/22/20	10/31/22	25,000.00
268	5/22/20	9/30/22	25,000,00
269	5/22/20	8/31/22	25,000.00
264	5/31/20	1/31/23	25,000.00
275	5/31/20	7/31/22	25,000.00
276	5/31/20	Overdue	25,000.00
277	3/31/20		25,000.00-
278	4/30/20		25,000,00/
. 279	4/30/20	*	25,000.00
280	5/4/20	*	25,000.00
281	5/4/20		25,000.00,
282	6/28/20	**	25,000.00
296	7/ 6/20		25,000.00
297	7/ 6/20	. 4	25,000,00
298	7/24/20	*	25,000.00
340	8/ 4/20		25,000.00
341	8/ 41/20	**	25,000.00
342	8/4/20	*	26,000.00
343	8/13/20	n	26,000 400
350	8/13/20	4/30/23	25,000,00
351	8/13/20	5/31/23	25,000,00
352	8/13/20	6/30/23	25,000.00
. 353	8/13/20	7/31/23	26,000,00
354	8/13/20	8/31/23	25,000.00
355	8/13/20	9/80/23	26,000,00
356	8/13/20	10/31/23	25,000.00.
3 6 7	9/14/20	11/30/23	25,000.00
364	9/14/20	12/31/23	25,000.00,
365	9/14/20	1/31/24	25,000.00
3 66	9/14/20	2/29/24	25,000.00.
367	11/30/20	3/31/24	25,000.00
372	11/31/20	4/30/24	26,000.00
373	- 12/31/20	5/31/24	25,000.00
404	12/31/20	Overdue.	. 25,000.00
405	12/31/20	ovardne.	25,000.00
406	12/31/20		25,000.00
11 400	20/02/00	1000 14 00	20,000.00

List or No tes (continued)

Note No.	Date	Due	Amount
409	12/31/20	Overdue	\$25,000.00
415	1/ 7/21		25,000.00
4:33	1/21/21	. 10	25,000.00
464	2/11/21	6/11/24	25,000,00
407	12/31/20	Overdue	25,000.00
468	2/15/21	7/30/24	25,000.00
485	2/28/21	8/31/24	25,000.00
486	2/25/21	9/30/24	25,000.00
4.87	2/28/21	Overdue	25,000.00
488	2/28/21	199	25,000.00
386	12/18/20	*	15,000.00
4.26	1/14/21		25,000.00
4.27	1/14/21	*	25,000,00
4.23	1/14/21		25,000.00
432	1/19/21	*	25,000.00
442	1/31/21		25,000.00
443	1/31/21		25,000.00
444	1/31/21	*	25,000.00
566	5/14/21	"	25,000.00
567	5/14/21	*	25,000.00
733	8/31/21	10/31/24	10,000.00
734	8/31/21	11/30/24	25,000.00
735	8/51/21	12/31/24	25,000.00
736	8/31/21	1/31/25	25,000.00
737	8/31/21	2/28/25	25,000.00
738	8/31/21	3/31/25	25,000,00
739	8/31/21	4/30/25	25,000,00
740	8/31/21	5/31/25	25,000,00
741	8/31/21	6/30/25	25,000.00
742	8/31/21	7/30/25	25,000.00
743	8/31/21	8/31/25	20,000,00
744	8/31/21	9/30/25	25,000.00
	9/20/21	12/20/21	100,000.00
	9/20/21	12/20/21	100,000.00

Total - - - \$2,000,000.00

On motion by Mr. Reid, seconded by Mr. Grane, and by

unanimous arrimative vote, the rollowing resolution was adopted:

ESSOUTED, that the Board of Directors or The Bilson Fortland Genes newsy accept the ortrafer for Fortland Genes to Genes y accept the ortrafer in Francisco and the Genes and Francisco and Francisco

Mr. H. W. Hiller, Vice President and Financial Executive, stated that in 1907 Mr. Thomas A. Edison gave back to the Company \$2,000,000. or ite Common Capital Stock (which had been previously paid to him for certain or his patents) for the purpose or giving certain piroctors or the Company, who had made cash advances to the Company, a bomus or two charges of Common Capital Stock for every share or Prevered Capital Stock, which they had taken in payment for money so savamed. After this was done, there remained a balance of \$358 shares.

Mr. Miller recommended that, imassuch as the specific purpose of this gift to the Gompany had been accomplished and Mr. Edison had since acquired all or the Freezred Stook of the Company not previously issued, the remaining 3358 shares or Common Capital Stook be returned to Mr. Edison at this time.

On motion by Mr. Crane, seconded by Mr. Reid, and by unanimous arrimative vote, the following presmble and resolution were adopted:

WERES, Mr. Thomas A. Rison in 1907 gave back to the Company \$4,000,000 of its Common Capital Stock which had been paid to Mr. Edison for his patents! for the purpose of giving certain Directors of the Company, who had made coal advances to the Company, a bonus of two chares of Common advances to the Company, and of Preferred Company that make a common the Company and Preferred Company and Preferred Company 25, 1907 and May 12, 1908.

AND WHIREAS, after this had been done there remained a balance of 3358 shares of such stock:

THERPORE, BE IN RESCRIPTO, that, as the specific purpose row which this Common Capital Stock had been given to the Company by Mr. Midson had been accomplished. In balance remaining, wire. SSSS shares, be returned to Mr. Thomas Blicon, and that the proper orritors of this Company be and they hardy are authorized to make the transfer.

Mr. H. P. Miller, Thoe President and Pinancial Executive, stated that in 1905 Mr. Thomas A. Edison gave back to the Company \$1,000,000, of its Common Capital Stock (which had been previously issued to him for the right to use the trade mark-withouss A. Edison in the manufacture and

List or Notes (continued)

Note No.	Date .	Due	Amount
409	12/31/20	Overdue	\$25,000.00
415	1/ 7/21	*	25,000.00
433	1/21/21		25,000.00
. 464	2/11/21	6/11/24	25,000.00
407	12/31/20	Overdue	25,000.00
468	2/15/21	7/30/24	25,000.00
485	2/28/21	8/31/24	25,000.00
486	2/25/21	9/30/24	25,000.00
4.67	2/28/21	Overdue	25,000.00
488	2/28/21	10	25,000.00
386	12/18/20	n	15,000.00
426	1/14/21	19	25,000.00
427	1/14/21	**	25,000.00
423	1/14/21	*	25,000.00
432	1/19/21	*	25,000.00
442	1/31/21		25,000.00
443	1/31/21		25,000.00
444	1/31/21	*	25,000.00
566	5/14/21		25,000.00
567	5/14/21	*	25,000.00
733	8/31/21	10/31/24	10,000.00
734	8/31/21	11/30/24	26,000.00
735	8 /31/21	12/31/24	25,000.00
736	8/31/21	1/31/25	25,000.00
737	8/31/21	2/28/25	25,000.00
738	8/31/21	3/31/25	25,000,00
739	8/31/21	4/30/25	25,000,00
740	8/31/21	6/31/25	25,000,00
741	8/31/21	6/30/25	25,000,00
742	8/31/21	7/30/25	26,000,00
743	8/31/21	8/31/2b	20,000.00
744	8/31/21	9/30/25	25,000.00
	9/20/21	12/20/21	100,000,00
	9/20/21	12/20/21	_ 100,000.00
	2/10/101	14 (04 (41	100,000,00

Total - - - \$2,000,000,0

On motion by Mr. Reid, seconded by Mr. Orans, and by unanimous arrimative vote, the rollowing resolution was adopted:

MEMOLYMN, that the Board of Directors of The Billion Forthand Genes of Early accept the offer'or Forthand Senson Company does hardy accept the offer'or Fire Thomas A. Mison to surrender seventy-tree [76] prosessory notes of the Oorporation held by him totaling \$2.000,000,000,000, bearing interest at six per cont [65] and combine huged indreest of 9119,5424-06 has accorded to Misch Senson and the Proper officers of the Oorporation are horsely authorities the Proper officers of the Oorporation are horsely authorities the Proper officers of the Oorporation are horsely authorities the Proper officers of the Oorporation are horsely authorities the Proper officers of the Oorporation and December 11 the University of the Oorporation and the Miscon in Health Senson 11 and 11 and 12 and 12 and 13 and 14 a

Hr. H. F. Miller, Vice President and Financial Executive, stated that in 1907 Hr. Thomas A. Edison gave back to the Company \$2,000,000. of its Common Capital Stock (which had been previously paid to him for certain of hie patents) for the purpose of giving certain Directors of the Company, who had made cash advances to the Company, a bonus of two shares of Common Capital Stock for every share of Fredered Capital Stock, which they had taken in payment for money so savamed. After this was done, there remained a balance of 3558 shares.

Mr. Miller recommended that, imassuch as the specific purpose or this gift to the Gompany had been accomplished and Mr. Edison had since acquired all of the Preferred Stock of the Company not previously imaged, the runnining 3568 shares of Common Capital Stock be returned to Mr. Edison at this time.

On motion by Mr. Crane, esconded by Mr. Reid, and by unanimous arrimative vote, the following presmble and resolution were adopted:

HERMS, Mr. Thomas A. Bilson in 1907 gave back to the Company \$2,000,000 of its Genomo Capital Stock (which had been paid to Hr. Edison for his patents! for the purpose of giving certain Directors of the Company, who had nade can advances to the Company, a bonus of two charce of Common advances to the Company, a bonus of two charces of Common the Company of the Common advances to the Common advances of the Common

AND WEREAS, after this had been done there remained a balance of 3358 shares of such stock;

THREFORM, BE IT RESCLIED, that, as the specific purpose for which this Common Capital Stock had been given to the Company by Hr. Misca had been apcomplished, the balance remaining, viz. 3568 tharps. be returned to Mr. Thomas & Misca, and that the proper officers of this Company be and they borely are authorized to make the transfer.

Mr. H. P. Miller, Thos President am Financial Executive, stated that in 1906 Mr. Thomas A. Edison gave back to the Company \$1,000,000, of its Common Capital Stock (which had been previously issued to him for the right to use the trade mark-"Thomas A. Edison" in the manufacture and sale or oscent by the Company and its successors, or assigns, in the West Indies, Contral America, South America and Maxico) for the purpose of giving certain Directors of the Company and others who thad made coath advances to the Company, a bonus or two shares of Common Stock for every shares of Preferred Stock which they had taken in payment for money advanced. After this was done, there remained a balance or 1136 shares, which now stands in the name of Harry 7. Willer, Transurer.

Mr. Hiller recommended that imassmoth as the specific purpose of this gift to the Company had been accomplished and Mr. Edison had-since acquired all or the Preferred Stock of the Company not previously issued, the remaining lide shares or Common Capital Stock be returned to Mr. Edison at this time.

On motion by Mr. Crane, esconded by Mr. Reid, and by unanimous arrimative vote, the rollowing preamble and resolution were adopted:

HERRES, Mr. thomas A. Edison in 1906 gave back to the Company 3,000,000 of the Common Capital Stock (which had been paid to Mr. Edison for the right to use the trade mark been paid to Mr. Edison for the right to use the trade mark to be Company and its nucessors or man dead not sensor to the Company and its nucessors or man dead of the propose or string certain Directors and choice of the purpose of string certain Directors and choice of the Company, who had make cash advances to the Company, a borns of two theres of string certain the paid of the Company, as borns of two theres of Stock mich they had tabout have or Partored Capital as Stock mich they had tabout have the Company as the Stock mich they had tabout have the Company as the Stock mich they had tabout have the Stock mich they had tabout he will be stocked to the Stocked Mr. Stocked Mr.

AND WHEREAS, after this had been done, there remained a balance or 1136 shares which now stands in the name of Harry F. Miller, Treasurer;

NOW, SIRREGORS, BE IN REGISTED, that, as the specific purpose for which this common deptial stock and specific to the Gospany by Hr. Edicon had been secondlished and remaining vis. 1155 days, be, returned to Hr. Thomas A. Elison, and that the proper officers or this Company be, and though they are unnovation and directed to make the transfer.

Mr. W. D. Cloos, Vice President and General Manager, re-

quested ratification or the action or the proper orrioers or the Corporation in executing from time to time certain contracts and orders for bags, bolting, coal. equipment, etc.

On motion by Mr. Reid. seconded by Mr. J. V. Miller, and by unsnimous arrimative vote, the rollowing resolution was adopted:

RESOLUTO, that the action or the proper officers or the corporation in executing on behalf or fine Bilson Fortland Gesent Company certain purchase contracts and orders for various materials, equipment, etc., be and hereby is approved and ratification option of said contracts and orders having been numbered and provide of the contract of the Companion, and providing ror purchases as £010ew;—

										COA.
No.		D	ata	Ma	teria:	1		Price	Vendor	
0-11 z	Order	, June	5, 1923,	200,000	Burla	p Bags	. 0	\$116.00	MRiegel Sa	ok Co.
C=120	•	, Aug.	21,1923	,100,000		•	0	110.00	" -Bemis Bro	s.Bag.
0-132	•	, Jan.	30,1924	500,000		*	0	138.40	" -Richardso	n-Garret
-133	•	, Peb.	1; 1924	600,000	"	"	8	138.25	" -Bemis Bro	s.Bag Co.
C-127	Contract	. Nov.	21.1923	800.000	Paper	Bazs	a	55.00	" -The Jaite	Co.
	Order.		21,1924			#	9		0 -0 0	
			nst contr			.1923)				
								"		14.2
C-129	Contract	. Dec.	17,1923	Bel tinz					-Republio	Rubber C
C-130			1. 1924						-W. A. Tude	
C-113		June	12,1923	Slack or	Mine :	Run Co	al	0\$1.70	-Elkins Fuel	Company
C-114	. "		12,1923	" "				0 1.70	-Puraglove Co	al Min-
0-115		19	12,1923				٠		-Elkins Fuel	
0-116			25,1923		19 *	0.0	•		& 1.90-Sitnek	
0-118			9,1923				•		-Elk River Co	
9-122		Sept	.26,1923	19 19					-Sitnek Fuel	
0-123		. 00t.	1, 1923	High Vol	. Gas	Coal		@ 1.3p	-F.R. Long & (10.
0-125		· Deo.	a, 1923,	Slack or	Hine	Run Co	al	G 1.70	-Sitnek Fuel	Co.
0-126	*	Dec.	5, 1923.		17	11 1	•	@ 1.70	-Ardean R. M.	ller.
C-128		Deo.	3. 1923.	3/4" L	ump Oo	al-		9 1.90	-Sitnek Fuel	Co.
	Order,	Nov.	17,1923,	Materia	1, con	verti	ag :	Compet l Kennely-	VanSaun Mfg.	wept Mill
0-121		Sept	.11,1923,	40 Skip	s - 3	11,800	0,0	0 - N.Y.	Oentraliron '	iks.
0-136		Peb.	20,1924	1 Steam	Shove	1 \$22,	.17	5.00-Mar	ion Steam Sh	ov. Co.
0-117	н.	June	22,1923	1 Water	Sorte	ner 31	u,	490Int	ernational F	ilter Co.
C-134	Contract	. Peb.	21,1924	Miscell	anoous	Oils-	-89	.3238	andard 011 C	0.
0-136		Peb.	16,1924	Bag Cle	aning,	eto.	-	-Be	g Service Co	npany.
									1. 1	200

Mr. Cloos then requested the approval or the Board to

lsases covering the New York and Boston offices, as follows:

469 Pirth Ave., New York City; oertain portion or tenth floor, for two years from May 1, 1923 to April 30, 1925, at \$5,400.00 per year, rrom Salamandra Insurance Company;

79 Milk St., Boston, Mass: - Roome 609 and 610 Post Office Square Bldg., for three years from Feb. 1, 1924 to Jan. 31, 1927, at \$1,550.00 per year, from Robert F. Harrick, Surviving Truetee.

On motion by Mr. Reid, seconded by Mr. Grane, and by

unanimous affirmative wote, the following resolutions were adopted:

RESCLVED, that the lease presented at this meeting, under which The Edison Portland Company leases certain premises on the tenth rloor at 469 Fifth Avenue, New York City, from the Salamandra Insurance Company for two years, from May 1, 1923 to April 30, 1925, at a rental or \$5,400.00 per year, bs and the same hereby is approved; and the action or the proper orricers or this Corporation in executing said lease, a copy or which has been numbered and filed with the Secretary of this Corporation as Authorization No. C-137, be and hereby is approved and ratiried.

RESOLVED, that the lease presented at this meeting. under which The Edison Portland Coment Company leases certain premises, known as Rooms 609 and 610 Post Office Square Bldg., 79 Milk St., Boston, Mass., from Robert F. Berrick, Surviving Trustee, for three years from February 1, 1924 to January 31, 1927, at a rental or \$1,550.00 per year, be and the same hereby is approved; and the action or the proper officers of this Corporation in executing said lease, a copy of which has been numbered and filed with the Secretary of the Corporation as Authorization No. C-138, be and hereby is approved and ratified.

Mr. H. F. Miller stated that, as Vice President and Financial Executive, he mad from time to time during the thirteen months ended January 31, 1924, reimbursed the President for expenses aggregating \$1,950.00, and he requested the approval or the Board or Directors to his action in so doing.

On motion by Mr. Shelmerdine, seconded by Mr. Orane, and by unanimous arrimative vote, the rollowing resolution was adopted:

RESOLVED, that the action of Mr. H. F. Miller, as Vice President and Financial Executive, in reimbursing the President in sums aggregating One Thousand Nine Hundred Firty Dollars (\$1,950.00) for expenses during the thirteen months ended January 31, 1924, be and hereby is approved and ratified.

Mr. Cloos then summitted a list of memberships in various rganizations which it was considered desirable to renew for the year 1924, md requested the approval of the Board thereto. Regarding the membership in the Portland Cement Association, Mr. Cloos made the following explana-The cost will amount to about 350,000 made up as rollows-

> General dues based on 1922 production or cement by our company @ .012 per bbl .-\$24,051.00 Special dues based on rates from ld per bbl. to

48¢ per bbl. in states where we made shipments during 1923 -26,820.45

> Total -\$50.871.45

The general dues cover the educational program for the purpose or increasing the use of oament and for engineering inspection or work. The special dues cover intensive educational work in states that are backward in the use of cement. Practically all the cement companies are members or the Association and we have been members for several years.

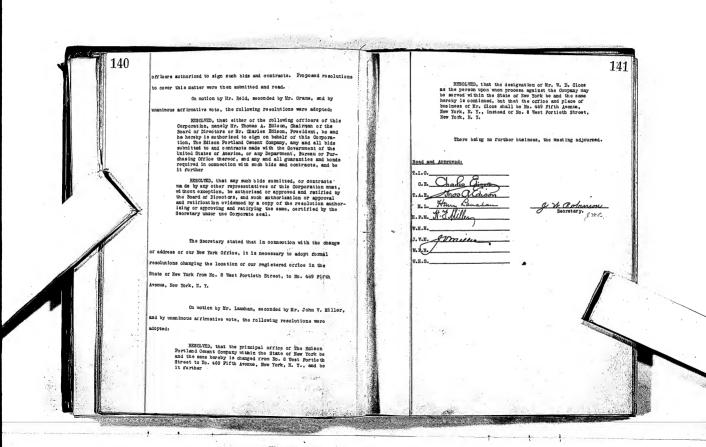
On motion by Mr. Shelmerdine, seconded by Mr. Orane, and

by unanimous arrirmative vote, the rollowing resolution was adopted

RESCLVED, that the Board or Directors or this Corporation does hereby approve the memberships held on behalf or The Edison Portland Coment Company for the year 1924, as rollows:-

Organization	Repr	esentative_	_	Dues
Deal Golf Olub	R.	. Wetzler	\$	175.00
Westchester Biltmore Country Club,				165.00
Engineers Club				
	W. I	. Cloos		100,00
American Society for Testing Material	s .	**		15.00
Boston Chamber of Commerce	A. (. Bruff		25.00
Massachusetts Highway Association		**		5.00
Contractors Association of Philadelph	ia,J.	H. French		100.00
New York Credit Men's Association	J. 0	. LaRue		26.00
Newark Athletic Club	H. F	. Wight		50.00
Traffic Club of New York	G. I	. Ferris		27.50
Building Trades Employ. Accordation	Comp	em y		40.00
Portland Cement Association	-		E	0871.45

The Secretary stated that Bids and Contracts were being made from time to time with various departments of the U. S. Government, and he recommended that resolutions be adopted derinitely designating the



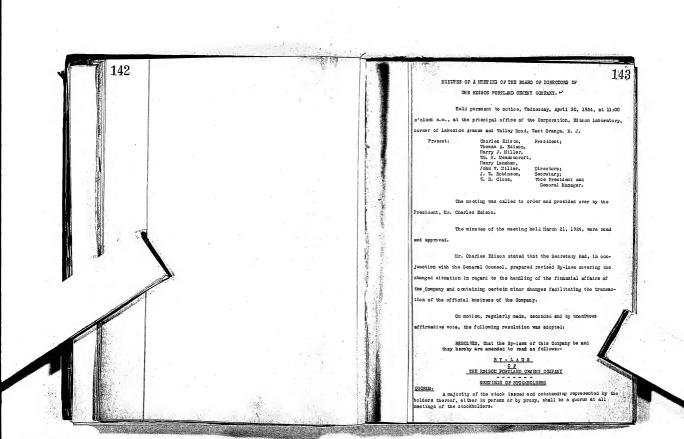


FIGURE Moderators, and in meetings of stookholders shall be held at the Edison Laboratory, corner of Lakoside. Avonue and Valley Road, West Grange, County of Essex, the registered office of the Company in New Jorsey.

ANNUAL MEET ING:

The annual nosting of the stockholders shall be held on the third Friday in May of each year at 1200 colone, per, then they shall also the plurality wore, by ballot, the Board of Directors, as committed by these plurality wore, by ballot, the Board of Directors, as committed by these plurality work of the colon property of the property of the colon share of stock registered in his or her name, on the 20th day precising the coloning according the also of the day of a total cleation.

NOTICE OF ANNUAL MEETING

Notice of the annual meeting shall be mailed to each etockholder a his or her address as the same appears upon the records of the Company at least five days prior to the meeting.

ADJOURNMENT OF ARRUAL MEETING:

At such amount mosting, if the holders of the majority of the stock shall not be present or represented, the stockholders present shall have be present or large-sented, the stockholders present shall have proven to adjourn to a day certain and notice of the meeting on the adjournament day shall be given by depositing the ease in the Post Office, addressed tookholder, at least three days before each adjournament meeting, except the present in partner of the present in the stock between the present in a setting to any other than the adjournal meeting near beginning or days and no notice of the adjournal meeting near beginning.

SPECIAL MREPING

Special meetings of the stockholders shall, at the request of the Chairman of the Board of Directors or the President, or two or more Directors or of a majority of the etockholders be called by the Secretary, by mailing a notice stating the object of such meeting, at least two days prior to the day of moeting, to each stockholder of record at his address as the same appears on the records of the Company. If all the stockholders shall waive notice of a special meeting, no notice of such meeting shall be required. The never all the stockholders shall meet in person or by proxy, such meeting shall be valid for all purposes without call or notice, and at euch meeting any corporate action may be taken. If for any reason the eteckholders should not in any year hold their regular annual meeting or an adjourned annual meet ing, or should fail to elect a Board of Directors at the regular annual meeting, or at an adjourned annual meeting, a Board of Directore may be elected at any epecial meeting of the stockholdere thereafter, provided a notice that such election will be held is contained in the notice calling such epecial meeting of stockholders.

ORGANIZATION

The Chairman of the Board of Directore shall call mestings of the stockholders to order and shall ast as Chairman or such meetings. The Board of Directors may appoint any stockholders to act as Chairman or any meeting the the absence of the Chairman of the Board of Directors, or in the event or the failure of the Board of Directors, or in the event of the failure of the Board of Directors to student his provision, the stockholders may also move may of them to preside at any meeting of the etcocholders. The Secretary of the company shall act as Secretary of all meetings of the stockholders, but in the company shall act as Secretary at any meeting of the stockholders, the stockholders of the Secretary at any meeting of the stockholders, the the things of the stockholders, the stockholders of the Secretary at any meeting of the stockholders, the stockholders of the Secretary at any meeting of the stockholders, the stockholders of the Secretary at any meeting of the Secretary at any meeting of the Secretary of the meeting.

BOARD OF DIRECTORS

POWERS:

The business and the property of the Company shall be managed and controlled by the Board of Directore, who may, subject to the provisions of the statute, of the charter, and of the By-laws, exercise all such powers and do all such things as may be exercised or done by the Commany.

NUMBER AND TERM OF OFFICE:

The number of Diroctors shall be nime. Every Directors chall be a holder of at least one chare of the capital stock of the Company. Each Director, unless his office shall have otherwise become vacant, shall serve from the date of his-sisciton and qualification until the next amusal nesting of stockholders or until his successor has been elected and qualifier.

QUORUM:

A majority of the Board of Directors shall be a quorum for the transaction of business.

NOT 10E OF MEETING:

Mestiggs of the Board of Directors may be called by the Sacretary as the request of the Guairman of the Board of Directors or the Presidenty of two or more Directors, on one day's written notice to each Director, or on personal notice to sach Director at or any time prior to the meetings. Note of any meeting of the Board of Directors may be waited by any Director. Thesewar all the members of the Board of Directors shall be present at any meeting thereof, such meeting and any action taken theyeat, shall be valid for all purposes and no peal or notice of count meeting meet agiven.

מו שקשיו את שחנום

The Directors may hold their mestings, have an office and keep the books of the Company (scopt those required by law to be kept within the State of New Jersey) outside of the State of New Jersey, as the Directors may from time to time determine.

OFFI CERS

The officers of the Company shall be a Chairman of the Soard of Directors, a President, such Vice Presidents eam py be determined upon by the Soard of Directors, a General Manager, a Transurer, a Socretary, a General Ocumei, such assistant Pransurers ac may from time to time be determined upon by the Soard of Directors, each passistant Socretaries as may from time to time be determined upon by the Board of Directors, and such Other Officers them shall ordinaries of the Soard of Directors and the Company of the Soard of Directors at their first shammal meeting after the election of Director of Directors at their first shammal meeting after the election of Directors of Directors at their first shammal meeting after the election of Directors of Directors at their first shammal meeting after the election of Directors of Directors at their first shammal meeting after the election of Directors at their first shammal meeting after the election of Directors at their first shammal meeting after the election of Directors at their first shammal meeting after the election of Directors.

PERM OF OFFICE:

Each officer of the Company, unless his office chall have otherwise become vacant, shall serve from the date of his election until his eucoseor chall have been elected. Any officer or agent of the Company shall be subject to removal at any time by the affirmative wote of a majority of the Seard of Directors.

CHETTHEN OR THE BOARD

The Chairman of the Board of Directore shall be chosen from among the Directore of the Company and shall precide at all meetings of the Board. The Chairman of the Board shall be vected with all the powers and shall perfor

the permanent Chairman from any meeting, the Directore may choose a Chairman pro ten from among their number, but the Director so chosen to act as Chairman PRO 1881 ITOM SHOWS NOWING MANUAL PROPERTY OF THE PROPERTY OF notee, drafts and acceptances as are defined in the Articles "CHECKS" and "NOTES" of these By-laws, and shall do and perform such other duties as may from time to time be assigned to him by the Board of Directors,

PRESIDENT:
The President chall be the chief executive of the Company. Subject
The President chall be the content of the business of the The freshment constitute only the secondary of the Company, Sucject to the Board of Directors he shall have general charge of the Ousiness of the Company and shall have full charge of the Company's finance. He shall have such powers and duties in commention with the signing and countersigning of checks, notes, drafts and acceptances as are defined in the Articles "CHECKS" and "NOTES" of these By-laws, and, except as otherwise provided in the By-law, may sign bonds, contracts and other obligations of the Company in the nameof the Company. With the Truseurer or Assistant Truseurer he may eign certificates of stock of the Company. He shall do and perform such other duties may from time to time be assigned to him by the Board of Directors,

Each Vice Precident shall have such powers and authority as the By-laws may provide or as may from time to time be delegated to him by the Board of Directors. None of the Vice Presidents need be a Director or Stock-

The Genoral Manager shall do and perform such duties in connection with the management of the Company's business as may from time to time be assigned to him by the Board of Directors, or the Chairman of the Board of Directors, or the President.

Subject to the control of the Board of Directore and under the direction of the Precident, the Treasurer chall be vested with the following powers and shall perform the following duties:

He shall receive all moneys due and payable to the Company from any source whatsoover and may give receipts and enlorse warrants in its name for any and all payments made to the Company. He may eign on behalf of the Company claims for the collection of moneys due the Company and all bonds or other undertakings required in the prosecution of such elaims,

He shall deposit all moneys and other valuable effects in the ne of the Company and to the credit of the Company in such depository or depositories as may be designated by the Board of Directore, he chall be subject to the direction of the President as to the maximum and minimum balance to be maintained in each depository, and as to the conditions under which such deposits shall be made and such balances maintained.

Ho shall have charge of the disbursement of the funds of the Con pany, taking proper receipts or vouchers for such disbursements.

He shall keep full and accounts accounte of receipts and disbursements in books belonging to the Company and shall render whenever required account of his transactions as Treasursr.

He shall have the custody of the funds of the Company and of all securities and evidences of indebtedness held by it, including mortgages, notes, deeds of trust, collateral of all kinds, and stocks and bonds. He shall be custodian of euch other properties and effects of the Company as

be specified by the Board of Directors, the Chairman of the Board of Directors,

He shall have such powers and duties in connection with the signing and countersigning of checks, notes, dratts and acceptances as are defined in the Articles "GEENGS" and "NOTES" of thece 59-laws. With the President of the Company he may sign certificates of stock

He chall do and perform such other duties as may from time to time be assigned to him by the Board of Directors, the Chairman of the Board of Directors or the President.

The Treasurer shall give a bond of a essurity company to be approved by the Board of Directors in the cum of Fifty Thousand Dollars (350,000,00) for the faithful discharge of his duties.

ASSISTANT TREASURER:

Each Assistant Treasurer shall be vested with all the powers and shall, under the direction of the President, perform all the duties of the Treacurer in hie absence, except as otherwise provided in the By-laws of the Company and chall do and perform such other duties as from time to time may be assigned to him by the Board of Directore, the Chairman of the Board of Directors, the President, or the Treasurer. Each Assistant Treasurer shall give a bond of a security ecapany to be approved by the Board of Directors inthe cum of Twenty-five Thousand Dollars (\$25,000.00) for the faithful diechargs of his duties.

Subject to the control of the Board of Directors and under the direction of the President, the Secretary shall be vested with the following powers and perform the following duties:

He shall keep the minutes of all meetings of the Board of Directors, and the minutes of all meetings of the stockholders; he shall attend to the giving and serving of all notices of the Company; he may attest in the name of the Company all contracts authorized by the Board of Directors, and to all papers, instruments and documents, upon which it chall be required, he chall affix the seal of the Company; he shall have charge of the soal of the Company and of its etook certificate books and stock ledgers; he shall be repany and of its throat Constitution by a registrar designated by the Board of Directors of all stock certificates isseed by the Company. He shall have euch powers and duties in commontion with the counterstaining of checke a gre defined in the Article "CHECKS" of these By-laws. He shall have the cuetody of such original agreements, releases, insurance policies, deede, leases and other papers or books as the Board of Directors, the Chairman of the Board of Directors or the President may direct; he shall keep all books of account of the Company except those which the Treasurer is required to keep, and shall render whenever required an account of the financial condition of the Company and of the Company's financial transactions; he shall do and perform all the usual duties incident to the office of the Scoretary, and such other duties s may be assigned to him by the Board of Directors, the Chairman of the Board of Directors or the President.

He shall be sworn to the faithful discharge of his dutise as

ASSISTANT SECRETARY:

Each Assistant Secretary shall be vasted with all the powers and shall, under the direction of the President, perform all the duties of the Secretary in his absence, and shall do and perform such other duties as from tims to time may be assigned to him by the Board of Directors, the Chairman of the Board of Directors, the President or the Seerstary, but an Assistant Secretary shall have no authority to sign orders or contracts in lieu of the

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The Company may have an office and transact business in such places outside of the State of New Jersey as the Board of Directors may from time to time appoint.

FISCAL YEAR

The fiscal year of the Company shall begin the first day of March each year.

DI VIDENDS

Dividends upon the capital stock of the Company, when earned, chall be payable as and when the Board of Directore may direct. Before payment of any dividends, or making distribution of profits, there may be est aside out of the net profite of the Company, such sum or sums as the Directors may from time to time, in their absolute discretion, think proper as a reasonable fund to meet contingencies, or for equalizing dividence, or for repairing, improving, maintaining, increasing or extending the property of the Company, or for any other purpose which the Directors shall think conducive to the interests of the Company.

AMENDMENTS TO BY-LAWS

The Board of Director's, by the vote of the majority of the whole Board, may, at any meeting the reof, alter or amend these By-laws if notice thereof be contained in the notice of the meeting, or if such notice be waived, provided, however, that no such notice shall be required if all of the members of the Board of Directors be present at such meeting.

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Mr. Charles Edison etated that, in order to conform with the By-laws just adopted, it was advisable to make certain changes in the officers of the Corporation; and he then presented and read the reeignations of Mr. Harry F. Miller as Vice President and Pinancial Executive, and of Mr. G. J. Schultz as Treasurer, which were accepted.

Mr. Charles Edison then recommended that Mr. Harry F. Miller be elected Treasurer; that Mr. G. J. Schultz be elected Assistant Treasurer; Mr. R. H. Allen as Assistant Treasurer, in order to give him a title to be used in his dealings with Government tax departments; and Mr. H. H. Eckert as Assistant Secretary, inasmuch as Mr. Sinclair, the only Assistant Secretary at present, is often at the Mill or at the New York Office and it is desirable to have an Assistant Socrotary at West Orange at all times.

Thereupon, on motion regularly made, seconded, and by

Secretary (see Article "CONTRACTS AND ORDERS"), except for the purpose of attesting the seal of the Company.

The General Counsel shall be the chief consulting officer of the Company in all leval natters, and subject to the Board of Directore, shall have general control of all matters of legal import concerning the Company.

i. If the office of any Directors becomes vacant by reason of death. resignation, disqualification, or otherwise, the remaining Directore, although less than a quorum, by a majority vote may elect a successor or successors who shall hold office for the unexpired term, and if any of the offices of the Company shall become vacant for any reason before the expiration of the term for which the incumbent thereof was cleated, the Board of Directore may elect a successor or successors who shall hold office for the unexpired term.

DELEGATION OF DUTIES OF OFFICERS:

In the case of the absence of any officer of the Company, or for any other reason which may seem sufficient to the Board of Directors, the Board of Directors may delogate his powers for the time being to any other officer, or to any Director.

Except as may hereafter be epscifically provided by the Board of Directors, all checks drawn on the funde of the Company shall be signed only by the Treasurer or Assistant Treasurer, and shall be countereigned only by the Chairman of the Board of Directors, Precident, Secretary or Assistant

All promiseory notes made by the Company and acceptances of drafts drawn on the Company shall be eighed only by the Chalaman of the Board of Directors, the President or the Treasurer, and shall be countersigned only by one of the said officers who does not eight the same; similarly the endorsement on behalf of the Company of any such notes made payable to the Company shall be eigned only by the Chairman of the Board of Directors, the President or the Treasurer, and chall be countersigned only by one of the said officers who does not sign the same. The Treasurer or Assistant Treasurer shall have authority to andorse on behalf of the Company all other notes and drafts to be discounted at or placed for collection with any authorized depository of the

CONTRACTS AND ORDERS:

All orders or contracts involving an aggregate expeniiture of Ten Thousand bollars (310,000.00) or over, must without exception, be authorized Or approval and ratified by the Board of Directore, and euch authorization or approval and ratification evidenced by a copy of the resolution authorizing or approving and ratifying the same, certified by the Secretary under the corporate seal; and all orders or contracts involving an aggregate expenditure of One Thousand Dollars [31,000.00] or over, and less than Ten Thousand Dollars (\$10,000.00) must, without exception be approved ani ratified personally by the Chairman of the Board of Directors, the Precident or the Secretary of the Corporation, and must bear the written personal signature of the officer by whom it is approved and ratified. No order or contract chall be binding on the Corporation unless authorized or approved and ratified as above set forth, and the Corporation shall not be responsible for any order or contract not authorized or approved and ratified in strict compliance herewith.

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unsminous afrirantive vote, the following gentlemen were elected to fill the offices set opposite their respective names, until the next regular annual meeting or until their successors shall have been elected;

> Harry F. Millor G. J. Schultz R. H. Allen H. H. Eckert

Treasurer
Assistant Treasurer
Assistant Treasurer
Assistant Secretary

Mr. Closs requested ratification of the action of the proper officers of the Outpreation in executing orders for 6000 tons of Coal with the Sitnek Fuel Co.; and for 200,000 paper bage with The Jaite Co. applying aginet contract of November 21, 1923.

On motion regularly made, seconded, and by unanimous

affirmative vote, the following resolution was adopted:

BESONTED, that the action of the proper officers of The Bisics Portland Genest Company in executing on behalf of the Corporation certain orders with the Sitnek Faci Co. and The Jaile Expany, opplose of which have been numbered been properly of the Company of the Company of the Company isations \$0.146 and 0.147, and providing for the followering purchases, be and hereby is approved and ratified -

0-145 - Sitnek Fuel Co. - 6000 net tons Bituminous Coal 2 \$1.70 per net ton. C-147 - The Jaite Co. - 200,000 Paper Valve Bags \$ \$55.00 per M. - applying against contract dated Novamber 21st. 1923.

Er. Close stated that on September 7, 1922, the Soard authorized him to countereign checke drawn against our account, known as "New York Sales Office Account", with the Bunk of America, 40th St. & Madizon Ave., New York City; that imagench as he was away from the New York office a great deal of the time, it was desirable that Mr. A. A. Allen, his assistant, be also muthorized to countersign such checks, and he requested that Mr. Allen he so authorized.

On motion regularly made, seconded, and by unanimous

affirmative vote, the following resolution was adopted:

RESOLVED, that, in addition to the powers and authority already given certain officers of The Edison Portland

Genent Company, as provided by its Ny-laws, authority is herrby granted to Hr. W. D. 1000s and to Wir. A. A. Allan to countereign checks drawn on the funds of this Componition, carried in its account morms as "New York Sales Office Account", in the Bank of America, 40th Street and Maddeen Account, New York City; provided, however, that meither Mr. W. D. Cloom nor Hr. A. A. Allon shall have any authority to endorse for deposit in or collection by said bank any checks, drafts or money orders payable to or to the order of The Edison Portland Genent Company.

Mr. Cloos submitted a detailed Budget of the Company for the year 1924 and requested the approval of the Scard of Directors thereto.

On motion regularly made, essended, and by unanimous

affirmative vote, the following resolution was adopted:

RESOLVED, that the Board of Directors of The Editor Portland Geneant Company does havely approve the Budget of the Company submitted at this meeting, for the year 1924, a copy of each Sudget having been numbered and filled with the Secretary of this Corporation as Authorization No. -149, as follows:

Based on shipments of 2,300,000 Barrels.

Mill Cost:		
Labor	\$989,000	
Coal	736,000	
Supplies	345,000	
Expense	69,000	
Gypsum ·	92,000	
Freight on Limestone	103.500	
Depreciation	276,000	
Packing & Loading	195,500	
Sack Handling	46,000 32,8	52,00

Duon numa and	
Sales and General Expense:	
New York Sales Office	77,050
Boston " "	53,710
Philadelphia" "	50,512
Export " "	3,330
Sales Promotion	25,000
General Manager	21,215
Credit Dopt.	12,705
Traffic Dept.	8,450
General	3,125
Container Reserve	52,500
Service Charges	50,000
	E1 000

Discount & Bad Debts

Potal \$3

Mr. Robinson stated that in order to protect the Corporation's interests in connection with Government fax Audits, and to furnish us additional time in connection with any claim against the Government arising from such audits, Mr. R. H. Allon of our Tax Department has prepared anylary, and Nr. Charles Edison had excepted same, for the fiscal years exist Petrany 28, 1918 and February 28, 1919. The Statute of Limitations with respect to these periods would begin to apply in May, and neglect to furnish such a malver would have had the effect of making the Government's representatives make their audit in a hasty manner, without proper investigation.

On motion regularly made, seconded and by unanimous affirmative vote, the following resolution was adopted;

RESCLVED, that the action of the proper officers in executing an Income and Profits Tax Waiver of the following form and tenor, be and hereby is approved and ratified:

March 20, 1924.

In pursuance of the provisions of subdivision (d) of Section 250 of the Revonue Act of 1921, Edison Portland Cement Company, of Orange, N. J. and the Commissioner of Internal Revenue, hereby consent to a determination, assessment, and collection of the amount of income, excess-profits, or war-profits taxes due under any return made by or on behalf of the said Edison Portland Cement Company for the fiscal years enied 2/28/1918 and 2/28/1919 under the Revenue Act of 1921, or under prior income, excess-profits, or war-profits tax Acts, or unior Section 38 of the Act entitled "An Act to provide revenue, equalize duties, and encourage the industries of the United States, and for other purposes", approved August 5, 1909. This waiver is in effect from the date it is signed by the taxpayer and will romain in effect for a period of one year after the expiration of the statutory period of limitation, or the statutory period of limitation as extended by any waivers already on file with the Bureau, within which assessments of taxes may be made for the year or years mentioned.

(seal)

EDISON PORTLAND CHMENT CCUPANY Taxpayer. By Charles Edison (signed)

Commissioner.

Mr. H. F. Miller, Treasurer, stated that in order to more

rully protect the interests of the Corporation, it was desirable at this time to adopt new resolutions regarding the signing and countersigning of checks drawn against the following bank accounts -

Philadelphia Sales Office Account with Commercial Trust Co., Philadelphia, Pa. Boston Sales Office Account with Liberty Trust Company, Boston, Mass. the said resolutions to include a clause specifically restricting the district managers and cashiers from entorsing for deposit in or collection by said banks any checks, drafts or money orders payable to this Corporation.

On motion regularly made, seconded, and by unanimous affirmative vote, the following resolutions were adopted:

RESGUED, that in addition to the powers and authority already given cortain orficers of the Edison Portland Cement Company, as provided by its By-laws, authority is bready granted to Hiss Hary A. Doughery to sign and HT. J. Harman in the Ha

This authorization cancels and supersedes a similar regarding the signing and countersigning of such checks, adopted by the Board of Directors on April 30, 1923.

BEGUEDA, that, in addition to be powers and authority already jew mo crain ordices or The Bishon Fortland Coment Company, as provided by its hy-laws, authority is hereby greated to tiles Zeitherino 6. 2611/y to a lips, and to Hr. Albert C. Bruff to counteraign checks drawn on the funds of this Corporation, carried in its account known as "Goaton Sales Office account", in Tee Interty Frast Company, Boston, Heast, provided, however, that noither Hiss Katherino G. Melly nor Hr. Albert C. Bruff shall have any authority to endorse for deposit in or collocation by said.

156						1	- ' :	
	<u>Nano</u>	Name	of Proxy		<u>C</u>	Mur	Preferre	ares 1 Tota
	Orane, Theron I.	Harry	F. Mille	r	1	0057	321	1037
	Davidson, J. H.	"				36	40	1037
RAM BEIN BEN	Dickson, Estate of Samusl					-	100	10
	Dillinger, D. L.		11			86	68	16
	Dyer, Frank L. Dyer, Mary Gordon					- 60	50	11
	Darling, Martha H.					388	119	50
	Edison, Mrs. Mina M.					50 5916		
	Elkin, Alda F.					400	2958 500	867
11 12 11 12 11 12 12 12 12 12 12 12 12 1	Pablo, Frederick A.					500	100	90
	Felton, Elgar C.		19			300	. 100	60 40
	Flening, Seongs H.					23	12	
	Funk, Marion Thompson	19				2412	1081	349
	Garner, S. Carl		n			370	10	36
	Gow, Helen H.					20		20
	Grange, William Gumney, Mary Magarge	**				1071	423	149
	Jummey, Mary Magarge	"	**			100	50	15
	Gurney, John S. Haines, Wh. A.	"				112	48	16
	Harray Jacobs Council	,,				192	121	31
	Harper, Jessie Cornell Harper, Wm. Henry Hecker, Oscar	"				125	25	18
	Hecker, Oscer	,,					2	
No.	FH 1 med . A. 11.					185	50	23
THE TOTAL STREET	Holland, Mrs. P. Prontel		ä			34	5	
	Howell, Maude H.	"				34	34 20	6
	Huff, W. A.	n				86	20 68	2
	Hoag, Anna S J.Henry &					00	08	15
	Alfred 3. Scattergood, Trus	tees"	**			147	129	27
	Janvier, Est. of Taltsr	10				188	119-	30
	Katzenbach, Mrs. Katalie Mc	Neal"				662	227	88
· All	LaDow, Mrs. Mary E. Lipper, M. W.	11				100		100
1117	Lipper, Milton W.	17				400		40
3/14	Lybrand, Wa. M. Kallory, Walter S. Martin, Adeline M.					75 .	125	200
1165	Mallory, Walter 9					-	100	100
114		ü	,			766	103	9869
						-	10	10
	Masters, Jessie W.		"			130	65	198
	Masters, Est. of Tilles					130	65	198
	McCarthy, Est. of Police		,,			100	100	200
	McFarland, James P.	**				20	10 280	1200
11 11 11 11 11 11 11 11 11 11 11 11 11	Miller, E. Clarence		n.			951	579	4530
一 	Miller, Florence D. Miller, Talter H. Morso, Alice J. Moss, Henry N.	4			31	50	579	4530
	Morso, ditos 7	11				-	20	20
	Moss, Henry N.		"			-6	10	16
11000000	Hen Brunemick floures a		"		,	100	-	100
10000000000000000000000000000000000000							-	100
	O'Neill, Van. C.	"	17			30 .	20	50
	Ott, John P.	"	"			900	450	1350
102 10 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日 日	Ott. Ludwig 2	"	10			50	10	60
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Parsons, Ura Vothant					-	5	5
		10				.88	119	307
	Pilling, Wh. S.		n			00	-	3500
	11 11		**		7.5	76	320	3896

1.00					10
w			Numb	or of Shar	208
<u>Namo</u>	Name of	Proxy	Comon 1	Proferred	Total
Philadelphia Trust Co., Tr	for				
Est. of John P. Mathieu	Harry F.	11111em	103	164.	
Constance M. Gummey	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		224	96	267
Randolph, Mrs. Anna E.	17		250	96 57	320
Reid, Willard P.			1650	650	307
Ross, E. Jackson, Jr.			67	42	2300
Scattergood, Alfred G.			147		109
Scattertood, J. Henry	n		147	130	277
Soattsrgood, Miss Margaret.	,		147	130	277
Scattergood, Mrs. Maria C.			586	130	277
Schively, Yalo R. & Donald	On . II			519	1107
Schmidt, F. W.		-	350 200	-	350
Seely, Mrs. Fanny Ross				100	300
Serrill, Was J.	ï.		66	22	88
Shanbacker. S. J.	ä		200	100	300
Shaw. Wn. F.	ï		870	20	. 890
Shelmerdins, Vm. H.			70	60	130
Shelmerdine, Susanna R.			19869	5316	25185
Simkins, Eva J.			1000	333	1333
Dimkins, Eva J.			24	12	36
Sieler, Ers. Rebsoca H.	"	"	125	100	225
Staniforth, Annie M.			20	-	20
Stirk, Wm. H.			49	39	88
Thompson, J. W.		10	. 60	20	80
Villard, Oswald G.	**		100	-	100
Walker, James W.	18	"	-	150	150
Warren, Arthur F.			5	5	10
Wieand, Franklin D., Jr.	11		200	-	200
Wilson, James C.	"		316	250	566
Wolbert, Charles E.			12	- 6	18
Woodman, Walter I.	"		136	218	354
Goodward, Margaret E.	11	17	20	-	20
Marnell, Mrs. Mattie			100	100	200

a majority of the stook issued and outstanding being represented by the

colders thereof either in person or by proxy.

The proxies prosonted were ordered filed with the Secretary.

Totals----- 176050 41160 217220

The Secretary presented and read a copy of the notice of

the meeting, together with the proof of the lue mailing thereof, to each stockholder of the Corporation at least ten days prior to the meeting, as

required by the By-laws.

The transfer book and the stock book of the Corporation, together with a full, true and complete list in alphabetical order of the

stockholders entitled to vote at the ensuing election, with the address of each and the number of charcs held by each, were produced and remained during the election open to increating

On notion by Mr. Pierman, seconded by Mr. Meadoworoft, and by unanimous affirmative vote, the reading of the minutes of the previous meeting of the etockholders was dispensed with.

Meesrs. B. R. Borry and I. W. Walker (maither of them being a candidate for the office of Director) were appointed by the President as lumeators of Election, and duly some.

On motion by Mr. H. F. Miller, soconded by Mr. Meadowroft, Mesers. Thoron. I. Crume, Charles Edison, Thomas A. Elison, Wm. H. Meadow-oroft, Harry F. Millard F. Reid, Wh. H. Shelmerdine, Henry Lambhan and John V. Liller ware nominated for Directors of the Corporation to hold office for the cusning year and until their successors shall have been closed and outlifted.

No other nominations having been made, it was moved and seconded that the numinations be closed. The poll was declared open by the President at 2:00 o'clock p.m., and the stockholders prepared their ballets and delivered them to the Imspectors.

On motion by Mr. Readowordt, seconded by Mr. Immhan, and by unanimous affurnative vote, the reading of the minutes of the Directors' meeting; hell since the provious meeting of the etcokholders, was dispensed with (the minute book being available for imspection by the stockholders, if desired; however, the Scoretary gave a brief resume of the business transacted at the Directors' meetings during the past year; and on motion by Er. Pierman, seconded by Mr. H. F. Miller, the following

resolution was adopted:

RESOLVED, that the acts of the Directors and Officere on behalf of this Corporation as set forth in the Minutes of the Directors' meetings held since the previous meeting of the etockholders on May 18, 1923, be and the same hereby are approved, ratified and confirmed.

During the hour that the polls were required to be kept open, the financial condition of the company was discussed. Mr. Charles Edison stated that the past year's operatione hal resulted in a profit - the first. In the history of the Company. The net earnings, after payment of all interest, being 1910, 911.49 on sales of 2,004,616 barrels of occent. In 1922, sales were about 25,000 barrels more than in 1923, but the 1922 coal strike increased costs in that year, so that we lost money.

In the first four months of 1924, results compared favorably with those of the previous year, shipmente being 418,377 barrels in 1924 against 370,684 in 1925. This in spite of a fire which completely destroyed our shipping and bag-handling dopartments early in April. The damage (about \$225,000) was fully covered by insurance. The prospects for 1924 are setifeactory, although the basic selling price of ownent decreased from \$2,00 to \$1,68 a barrel on November 1, 1925.

Interest payable by the Company has been decreased \$120,000 in 1924 by Mr. Edison's action in voluntarily foregoing interest on \$2,000,000 sivanced by him for plant improvements.

The poll having remained open at least one hour, was closed and the Inspectore presented their report in writing showing that the following gentlemen received the number of votes not opposite their respective names;

160 Theren I. Crane Charles Edison Thomas A. Elison 217,220 217,220 217.220 STATE OF NEW JERSEY) Wm. H. Meadoweroft 217,220 Harry F. Miller 217,220 COUNTY OF ESSEX Tillard P. Reid 217,220 Wm. H. Shelmerdine 217,220 J. W. ROBINSON, being duly sworn, deposes and says that he is Henry Lanshan 217,220 John V. Millsr 217,220 the Secretary of THE EDISON PORTLAND CEMENT COMPANY, a corporation of the State of New Jersey; and that on the 15th day of April, 1924, hecaused a notice of The President thereupon declared the above named gentlemen the annual meeting of the stockholders of said corporation, a copy of which is duly elected Diractors of the Corporation to hold office until the next annual meeting, or until their successors shall have been elected and annexed hereto, to be mailed in a sealed envelope, postage prapaid, addressed to each of the stockholdsrs of record of said corporation at hie or her address quelified. as the same appeared upon the records of the corporation. The Secretary was then instructed to insert in the Minute Book, for the purpose of reference, the following papers: Delta and a server of the Color by studio 1889. 1. Copy of Notice of the meeting and proof of the service thereof. Subscribed and sworn to before me 2. Form of proxy. thie /6th day of May, 1921. 3. Inspectors' Oath and Report. There being no further businese, the meeting adjourned. Notary Public for State of New Jersey, My Commission expires Aug. 18, 1924. Read and Approved:

STATE OF EAST.

the decrease of the control of the relative and account of the office of the control of the cont

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Notice Public for State of New Jordey My Commission explorer and 1976.

Edison Portland Cement &



OF THE SEGRETARY

April 15, 1924

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Editor Portland Cement Company will be held on Friday, May 16, 1924, at 1130 o'clock P. M., at the principal office of the Corporation, Editon Laboratory, connec of Lakeside Avenue and Valley Road, West Orange, New Jersey, for the purpose of electing a Board of Directors and reveiling and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Yours very truly,

J. W. ROBINSON,

Secretar

The second of th		
		1000
		-
		1
	- 19 tearries	
	PROXY	
	know all men by these presents:	
	That I, the subscriber, do hereby constitute and appoint Mr. Charles Edison or	
	in my name, as my proxy at the could meather Company owned by me or standing	
	and Valley Road, in the Town of Meet Corporation, Edison Laboratory, corner Lakeside Avenue	14
	The then entitled to cash hereby expansive the self-section of votes I am now or may	H
	could do if personally present with full power of arbeitable and the meeting, as fully as I	
	an that my said arromey or substitute may do in my name, place and stead.	
	IN WITNESS WHEREOF, I have hereunto set my hand and seal this day of 1924.	
	Apr. 400	
	In presence of:	
-4	Management of the Control of the Con	1

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my Eld -1 3x 24 (27) MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CHMENT COMPANY. V

Held Priday, May 16, 1924, at 3:30 o'clook P.M., at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Valley Road, West Orange, N. J.

Present:

Charles Edison, President. Thomas A. Edison. Vm. H. Meadoworoft. Harry F. Miller. Henry Lanahan, John V. Miller. Directors: J. W. Robinson. Secretary.

At the request of Mr. Elison, the meeting was called to order and presided over by the President, Mr. Charles Edison,

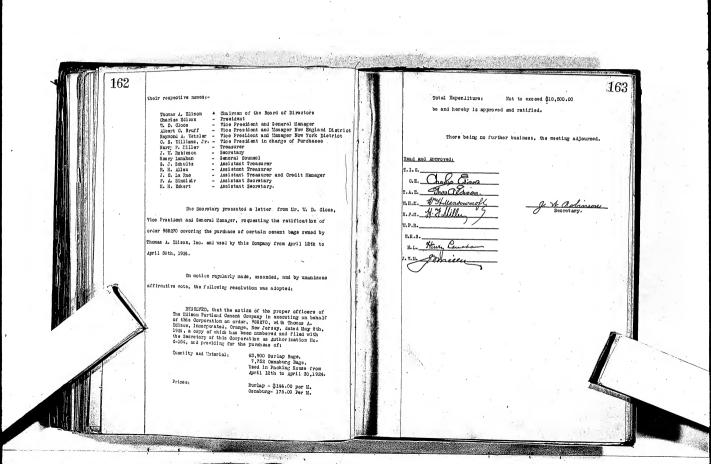
The President stated that the principal object of the meeting was to elect officers of the Company to hold office until the next annual meeting or until their successors are elected,

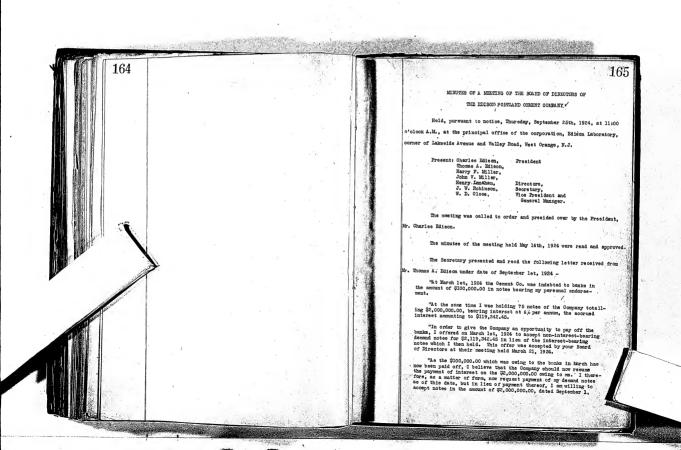
The Secretary then read the list of officers provided for by the By-laws of the Company, as follows:-

> Chairman of the Board of Directors. President Such Vice Presidents as may be determined upon by the Board of Directors General Manager Treasurer Secretary General Counsel

Such Assistant Treasurers as may from time to time be determined upon by the Board of Directors Such Assistant Secretaries as may from time to time be determined upon by the Board of Directors And such other officers as may from time to time be determined upon by the Board of Directors.

On motion by Mr. Lanahan, seconded by Mr. Meadoworoft, and by unanimous affirmative vote, the Secretary was instructed to cast one ballot electing the following gentlemen to fill the offices set opposite.





1924, payable September 30, 1925 and bearing interest at the rate of 6% per snnum, payable monthly. The due date is set at Septemor co per minum, payable montally. In the date at which the last of the original interest-bearing notes would have become due.

"Payments amounting to \$59,505.84 have been made against the demand note for \$119,542.45 given to me on March 1st, 1924. I am willing to allow the balance of \$59,835.61 to remain payable to me on demand, without bearing any interest."

On motion made by Mr. Harry F. Miller and seconded by Mr. Henry Langhan and by unanimous affirmative vote, the following preamble and reco-

lution were adouted -WHEREAS, Mr. Thomas A. Edison now holds twenty (20) noninterest-bearing demand notes of The Edison Portland Cement

Company, dated March 1, 1924, in the amount of one hundred thousand dollars (\$100,000.) each, totalling two million dollare (\$2,000,000.); AND WHEREAS, Mr. Edison has demanded payment of eaid

notes and offered to scorpt therefor, in lieu of cash, notes in the amount of two million dollare (\$2,000,000.) dated September 1, 1924, payable September 30, 1925 and bearing interest at the rate of 6,0 per annum, payable monthly:

NOW, THEREFORE, BE IT RESOLVED that the proper officers of this corporation be and they hereby are authorized, upon the surrender for cancellation by Mr. Thomas A. Edison of the aforesaid demand notes now held by him, to issue to Mr. Thomas A. Edison twenty (20) notes for one hundred thousand dollars (\$100,000.) each, totalling two million dollars (\$2,000,000.), dated September 1, 1924, payable September 30, 1925 and bearing interest at the rate of 6% per annum, payable monthly.

Mr. W. D. Cloos, Vice President and General Manager, requested ratification of the action of the proper officers of the corporation in executing, from time to time, certain contracts and orders for bags, belting, coal, equipment, etc.

On motion by Mr. Harry F. Miller, seconded by Mr. Henry Lanshan, and by unanimous affirmative vote, the following resolution was adopted -

RESOLVED, that the action of the proper officers of the corporation in executing on behalf of The Edison Portland Cement Company certain purchase contracts and orders for various materials couinment, etc., be and hereby is approved and ratified, copies of said contracts and orders having been numbered and filed with the Seore-

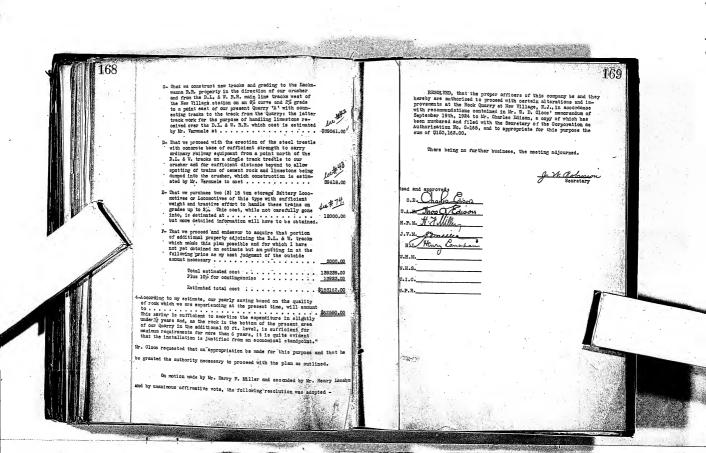
	Order			Price		Expendi-	Vendor	1
				21,400	_		тепсог	
0155	88498	5-22	(121756 Burlap Bags (6200 Cenaburg "	144.00	M)	\$18000.00	Thomas A. Edison, I	no.
0156	88645	6- 5	7000 tons Bituminous				•	
			elsok cosl	1.70	Ŧ	12000.00	Sitnek Fuel Company	
0157	88908	6-19		144.00				
0158	88909	6-19	(83222 Osnaburg " 200000 Waterproof	175.00	M)	58320,63	Thomas A. Edison, I	no.
		3.75	Paper Valve Bags	55.00	u	11200.00	The Jaite Company	
0159	Omtr.	6-24	Requirements of belting to 12-31-24	55.00	_	22200100	In ourse company	
			see contr. 12-17-23				The Republic Rubber	_
0160	89207	7-14		144.00	Mì		THE MEDUDITO MUDDEL	UQ
							Thomas A. Edieon, In	
0161	89451	7-29	7460 tone clack or			02000100	Anomas As Dure di, 12	10.
			mine run oosl	1.70	T	12700-00	Sitnek Fuel Company	
0162	89957	8-29	11000 tone High Vol-		-		- renor ruor company	
			atile Bit. elaok					- 2
	•		or mine run coal	1.20	Ŧ	25000.00	Sitnek Fuel Company	
0163	89821	8-23	200000 Paper Valve				- The state of the	
			Bage	53.00	M	10600.00	The Jaite Company	: ",
0164	88760	6- 9	1 used 15 ton capacity					. 1
			Open Portal Electric				Corr	. 1
			Tower Crane #3A			6000.00	Merchant Shipbuildin	(sa
3164A	88812	6-14	Dismantling and loading	B				
			of above			3100.00	Henderson & Bro.	
3164B	89292	7-17	Erection of above				H. W. Aokley	14

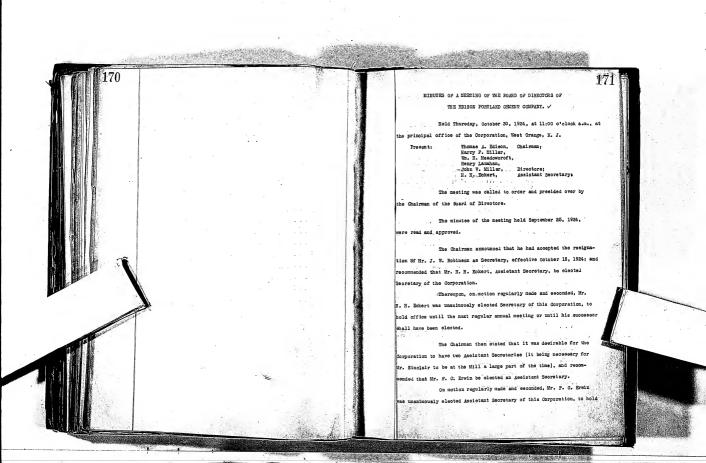
Mr. Cloos then read a portion of his letter of September 19th, 1924 to Mr. Charles Edison, recommending -

12- That we adopt and proceed immediately with the execution of the plan presented on August 2nd by Mr. Vermuele substantially as presented by him, with some variations and exceptions.

> A- The plan provides first: - the purchase of machinery; then erection of the inclined plane at the Quarry, substantially as shown on the profile map prepared by Mr. Vermuele and presented with his report of August the 2nd, drawing being dated July 22nd, 1924.

B- That the total cost of which, Mr. Vermuele estimatee





office until the maxt regular annual meeting or until his successor shall have been elected.

Upon the written request of Mr. W. D. Close, Vice President and General Manager, and on motion regularly made, esconded and by unanimous affirmative vote, the following resolution was adopted.

> RESOLVED, that the action of Mr. C. S. Williams, Jr., Vice President in charge of Purchases, in executing on behalf of The Edison Portland Cement Company orders #90408 and #90885 with Sitnek Fuel Company, 818 Pennsylvania Bldg., Philadelphia, Pa., dated Sept. 27th and Oct. 29th, 1924, be and hereby is approved and ratified, copies of eaid orders having been numbered and filed with the Secretary of this Corporation, and providing for purchases as follows:-

Order No	•	-		Materi.	al				Pri	00		Total
0167-90408	210	oars	Bit.	Slaok	or	11/R	Coal	a	\$1.20	Net	Ton	-\$12,600.0
0-168 90885	255							0(1.10	n.		

		no turener	ousiness,	the mee	ting ad	journed.
Read and Appro-	vsd:					4
o.s. Char	le Giana					٠,
T.A.E. Tho.	aldra			٠.		
T.I.C					•	
W.H.M.				Ket	6	
н. г. и Д УЛ	liller			<i>√γ7γ 2</i>	oretary	1.
W. P. R.)	11.7				
W.H. S.	-	7.7	w. r.			1
H.L. Hur	Lanaha					
J.V.M. Jan	eller	-	8			3

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CHIENT COMPANY.

Held Monday, November 10, 1924, at 11:15 o'clook a.m., at the principal office of the Corporation, West Orange. N. J.

President: Charles Edison, Thomas A. Elison, Theron I. Crane.

Wm. H. Meadoworoft. Harry P. Miller, H. H. Eckert, F. A. Sinolair. W. D. Cloos.

Directors: Secretary; Assistant Secretary; Vice President and . General Manager.

The meeting was called to order and presided over by the Precident, Mr. Charles Edison.

The minutes of the meeting held October 30, 1924, were read and approved.

Mr. Charles Elicon stated that it was necessary and to the best interests of the company to acquire certain farm land adjoining our rook quarry at New Village, N. J., in order to enlarge the quarry and install certain improvements to more efficiently and econmically handle the rock.

An agreement had been drawn up with the present owners, winder which we may acquire said property for 312,000, payable 31,000 upon signing the agreement and \$11,000 on April 1, 1925 - when a cuitable deed will be executed to cover.

Mr. Charles Edison requested the approval of the Board of Directors to this purchase.

On motion by Mr. Crane, seconded by Mr. Meadoworoft, and

by unanimous affirmative vote, the following resolution was adopted:

ESSOLTED, that the Board of Directors of this Corporation goes horsely authories the purchase of certain farm land aljoining our New Yillage rock quarry, for the sun of 315,000.00, p spanbb 23,000.00 immediately and the balance, 321,000.00 and interest of the purper officers be and they are hereby authorized to cacetia a suitable agreement overling the pursuit agreement to be numbered and filled with the Secretary or this Corporation as authorization No. 0-105

Nr. Charles Elison exhibited a statement of Profit and Loss for the Mine Honths ended Soptember 30, 1924, as compared with the same period in 1923. The net profits compared very favorably with those of the previous year, considering that the sales prices in the ourrent year are below those for 1923.

A constal discussion than ensued regarding the company's prospects for the future, and certain contemplated improvements which are expected to increase the efficiency of the plant and reduce costs.

There being no further business, the meeting adjourned.

Band and toproved.

C.E. Charles (dison)

F.A.E. Thanks (dison)

H.P.H. Halles

J.V.H. Ending

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J.V.H. Wheleabouredfy.

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Attectest.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Monday, January 5, 1925, at 11:00 o'olook a.m., at the principal office of the Corporation, West Orange, N. J.

Present: Charles Edison, President;

Thomas A. Edison, Harry F. Miller, Honry Lanshan, John W. Miller,

Vn. H. Meadoworoft, Directors; H. H. Eckert, Secretary; W. D. Cloos. Vice Preside

Vice President and General Manager

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The minutes of the meeting held November 10, 1924, were read and approved.

Mr. Charles Edison, stated that at a meeting held April 30, 1824, the Soard of Directors had adopted an amenda set of By-laws, proriding, among other revisions. For the fiscal year to begin on March lat
rather that on January lat as thereforers that after a thorough investigation of this matter, it appeared to be for the best interests of the
corporation, from both an operating and accounting standpoint, for the
fiscal year to begin on January lat each year; and he recommended that
the Board of Directors revise this clause accordingly, effective as of
January lat, 1925.

On motion regularly made, seconded, and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that that portion of the By-laws of The Edison Portland Commont Company referring to the Piscal Year be and the same is hereby revised to read:

"The fiscal year of the Company shall begin the first day of January each year."

Mr. Cloos presented and read a lease covering the company's

Philadelphie office, and requested the Board's approval thereto.

On motion regularly made, seconded, and by unanimous

effirmative vote, the following resolution was adopted:

RISCITED, that the lease presented at this meeting, under which The Silson Portland Geneth Company leases Offices Nos. 1006 and 1009 People's Bank Emilding, 18-22 South 15th St., hilladolphia, Pa., from Albert M. Greenfiald & Co., Agent, for one year from December 1, 1924, "At a restal of 3000.000 per year, be and the same is hereby approved; and the action of the proper officer of this dorporation in seconding said lease, a copy of this dorporation in seconding said lease, a copy of this dorporation in second ing said lease, a copy of the company approved and the said of the company approved and satisfact not 30-6173, be and is

At the request of Mr. Cloos, on motion regularly made and seconded, the following resolution was adopted:

> RESOLVED, that the action of the proper officers of the Corporation in accounting on behalf or The Dilson Portland Usemet Company a certain purchase order and a contract, be and hereby is approved and ratified opties of said order and contract having bean numbered and filled with the Sporetary of this Corporation, and provide or purchases as

40-170 - Order No. 91355 with Situak Fuel Company, Premklin Trust Edg. . Fhiladelphia, Pa. for 200 oars (approx. 10,000 tons) of Situations Slack or Mine Run coal & \$1.02 per met ton, f.c.). Mines; total expenditure not to exceed \$10,200,00

40-171 - Contract with The Jaite Company, Jaite, Chio, for our natural requirements, astimated at 800,000, paper valve hage from January 1 to December 31, 1925 & \$4510 per H., delivered at New Villago, N. J., total expenditure not to exceed \$40,800.00; all in accordance with terms and conditions on tailor in said contract - which cancels and superseduc contract dates (November 21, 1923.

Mr. Charles Mison then requested the Scard's approval to a Federal Tax Watver for the years ended February 28, 1918 and 1919, a copy of which was presented and read. affirmative vote, the following resolution was adopted:

RESOLVED, that the action of the proper officers of this Corporation in executing an Income and Profits Tax Waiver of the following form and tenor, be and is hereby approved and ratified;

On motion regularly made, seconded, and by unanimous a

INCOME AND PROPITS TAX WAIVER

In pursuance of the provisions of existing internal Revenue Laws, the Bisson Fortland Coment Co. a tarappear, of Company N. J. and the Commissioner of Internal Revenue, hereby consent to extend the period prescribed by law for a determination, assessment, and collections and the control of the control of

THE EDISON PORTLAND CEMENT COMPANY

(eeal)

Taxpayer. By - Oharles Edison, Precident.

Commissioner.

There being no further business, the meeting adjourned.

Bond and Approved

C.B. Charlos Elio po

T.A.E. Shoo When

B.P.H. Hollie

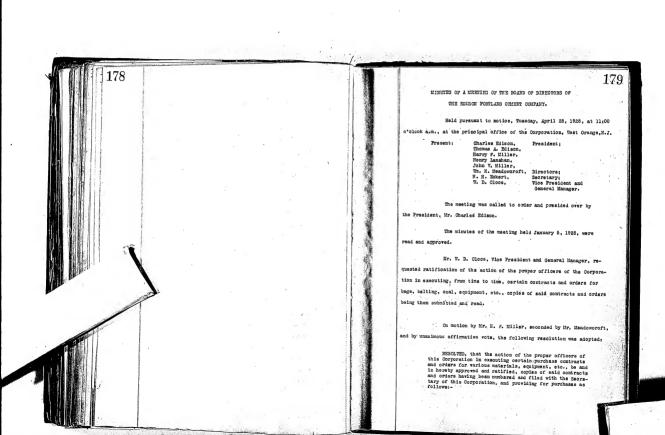
H.L. Heur Camban

V.V.M. Doronia

W. W. W. H. Meadowcoff

V.H.S.___

MH Eckent



180

auth. Order

\$12,075.00 Buoyrus Company 0175 92109 1/23/25 1 caterpillar mounting for steam ehovel 0176 Contract 1/1/25 Belting for year 1925-listed 40,000.00 The Macan-Heller Company. Ouaker City Rub-1/1/25 Belting for year 1925-listed ber Company. " 2/16/25 Cleaning & ropairing bags-listed The Bag Service 0179 92572 3/13/25 2 carloads paper bags 351. M. 10,200.00 The Jaite Company 0180 92780 3/20/25 84 oars Bitu. Coal 1.10 T. 4.620.00 Ardean R. Miller 0181 92781 3/20/25 42 " 1.10 2,310.00 Farrell Puel 00. 0182 92782 3/20/25 100 " 1.10 5.500.00 R.Y.Brown Co. C183 92783 3/20/25 114 " " 1.09 6,213.00 Sitnek Fusl Col 0184 92887 3/30/25 3 62' Rotary Stone Dryers 12,000.00 H. E. Cyphers (applying against Construction order #63) 0185 92894 3/31/25 2 carlcads Paper Bags 351. M. 10,200.00 The Jaite Compan

Expendi-

Mr. Clocs then presented orders #63 and 64 for New Com-

struction and Alterations as follows:

- 963 Purchase and installation of 3-6ft. x 62ft. Rotary Stone Dryors, complete with all gearing, tires, idlers, also 1 100 ton per hr. Capacity Elevator, stolo building foundation, etc., as per specifications; the total exponiture not to exceed 244,155.00;
- 464 Purchase and installation of all materials required to extend our present Stone Storago (Sullding No. 5); Extending conveyors 103 to 105 with all material Tenders, drives and other equipment; total expenditure not to exceed \$25,285.15(is per specifications).

Hr. Clocs requested the Board's approval to these orders, adding that the purpose of same is to reduce labor and maintenance costs, and to improve the quality of our product.

Thereupon on motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the proper officers of this Corporation be and they are hereby sutherized to proceed with certain New Construction and literations at the Mill. In accordance with orders \$65 and 64, copies of which make been numbered and filed with the Secretary of this Corporation as guitorizations Nos. C-186 and 187, respectively, and previding for the following.

- 563 Purchase and installation of 3 6ft, x 62ft, Rotary stone Dryers, complete with all gearing, tires, Idlere, also 1 100 ton per hour capacity elevator, steel building foundation, etc., as per specified details; total expenditure not to exceed 244,156.00;
- 564 Purchase and installation of all materials required to extend our present Stone Storage Suiding No. 5]; extendind conveyors 103 to 105 with all material feeders, drives and other equipment, as per specified details; total exponditure out to exceed 252.545.15.

Mr. Ologs submitted a list of memberships in warious

organizations which were considered desirable to carry during the year

1925, and requested the approval of the Board thereto.

On motion regularly made, seconded and by unanimous

affirmative vote, the following resolution was adopted:

RESOLVED, that the Board of Directors of this Corporation does hereby approve of the memberships held on behalf of The Bilson Portland Company for the year 1925, ad follows.

Organization	Representative	Dues
Deal Golf Club	R. A. Wetzler	\$175.00
Westchester Biltmore Country Club		165.00
Engineers Club		100.00
Engineers Club	W. D. Cloos	100.00
American Society for Testing Materia	ds. "	15.00
Boston Chamber of Commerce	A. C. Bruff	25.00
Massachusetts Highway Association.		5.00
Contractors Association of Philadelp	hia.J. H. French	100.00
New York Credit Men's Association.	J. C. La Rue	25.00
Newark Athletic Club	H. F. Wight	50.00
Traffic Club of New York	G. L. Perris	27.50
Building Trades Employers Associatio	n. Company	40.00
American Concrete Inst.		50.00
National Safety Council.	P. E. Sandt	40.00
Merchants Association of New York	Company	50,00
Association of Highway Officials of	(Charles Edison - C	
North Atlantic States.	(W. D. Cloos	
Portland Cement Association,	Company Approx.	

361019.80

Mr. Cloos submitted a lense covering the New York Office, 469 Fifth Ave. for two years from May 1, 1925 at 35,400.00 per year

from the Reinsurance Company Salamandra; and requested the approval of the Board thereto.

On motion regularly made, seconded and by unanimous affirmative vote, the followin: resolution was adopted.

BESGITED, that the lease presented at this meeting, under which five Bisson Fortland Genet Company leases extain precises on the teath floor of the Einfeld Building, 469 Filth Mer. New Tork City, from the Beinnurance Coxputation, 1888 and 1888 an

Mr. Entert stated that, at the request of the Treasury Department of the United States, Income and Profits Tax Waiver had been executed for the years ended 2/28/20 and 2/28/21, and it was now presented for the formal approval of the Beard.

On motion regularly made, seconded and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the action of the proper officers of this Corporation in executing an Income and Profits Tax Taivor of the following form and tenor, be and is hereby approved and ratificity.

"February 21, 1925.

INCOME AND PROFITS TAX WAIVER

(For taxable years ended prior to March 1, 1921.)

"Impursuance of the provisions of existing Internal Revenue Learn The Editor Portland General Compage, As tappager of Comage, New York, and the Commissioner of Internal Revenue heavy water being, and the Commissioner of Internal Revenue heavy water being and the present being yet for making any assessment of the undust of processing the commissioner of the undustance of the commission of the process of the commission of the commission of the undustance of the commission of th

acts. This waiver of the time for making my sapagement as adversaid shall remain in order until beacher 31, 1985, and shall then expire except that if a notice of a descidency in tax is sent to said taxaper by registered and before said attement of the said tax is sent to said the time and the said to said the said so then said date shall be extended by the number of gays between the date of mailing of said notice or deficiency and the date of final decision by said Seari.

The Edison Portland Company

(seal)

Taxpayon. By- Charles Edison, vice President.

Commissioner."

There being no further business, the meeting adjourned.

C.E. Charles Forger

H. L. Hury Ranahan

T.1.C.______

W. P. R.

M. Ecker

MINUTES OF THE ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY

Held, pursuant to notice, Friday, May 15, 1925, at 1:30 o'clock T.M. at the principal office of the corporation, Edison Laboratory, corner Lakeside Avenue and Valley Road, West Grange, N.V.

In the absence of the regular Chairman, the meeting was called to order and presided over by Kr. Henry Landhan, who was appointed Chairman protem.

On motion by Mr. W. H. Meadoworoft, esconded by Mr. H. F. Miller, the reading of the roll of the stockholders was dispensed with, the Secretary, Mr. H. H. Eckert, being instructed to make note of the stockholders present and the proxies presented, with the following result:-

STOCKHOLDERS PRESENT IN PERSON .

1 Maile			Commor	Preferred	_ Total	
Lanahan, Henry			5	_	6	
Meadoworoft, W. H.					ž	
Miller, Harry F.				5	5	
Miller, John V.						
			10	40 45	. 40 55	
mSTOCK	CHOLDERS REPR	ESEMPED BY	Y PROXY		,	
	Name of	Proxy				
Arbogast, Lois G. J.	Miller, F	arry . F.	- ,	' 10	10	
Arbogast, Ralph				20	20	
Baird, David	"		192	121	313	
Barber, Marie S.			2	1	- 3	
Baumgartner, John	"		10	_	10	
Beacom, James S	"		200	200	400	
Bell, Annie	"			1.5	15	-4
Bent, Felton	"		364	140	504	
Bent, Stedman			364	141	505	1 3
Brewster, Roberta	"		- 30		30	
Brown, Henry P.	"		60	20	80	
Bruff, Albert C.		. *	150	50	200	
Buok, Daniel - Estate of	10		476	338	814	
Campbell, Winfield S.	.,	-	.60		.60	
Carroll, Wm. G.			1000	265	1265	
Crans, Theren I.	10	Arres	10050	200	2400	

Number of Shares

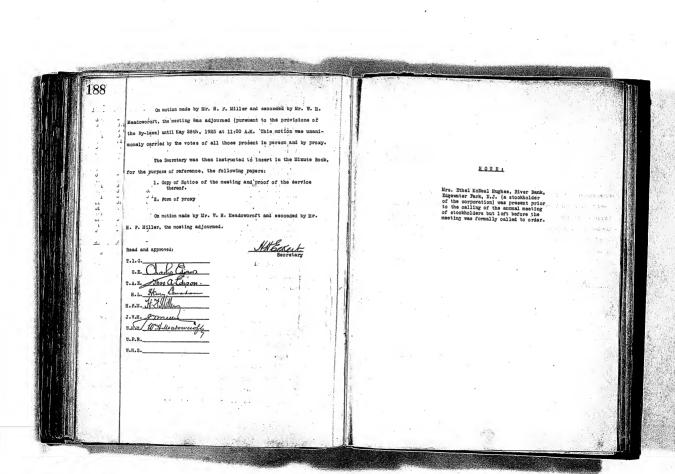
Rame				1.5	umber of S	
10.1	Mane of	Proxy		Common		d Total
Schively, Yale R Trustee				-	2.010110	d Total
Sohmidt, P. W.	diller,	Harry	2.	350	5 1 5 at 2	350
Serrill, Vm. J.		1300		200	100	300
Shaw, William F.	11			200	100	300
Shelmerdine, Un. H.	"			70	60	130
Sibel, Wm. H.	11			19869	5316	
Simkins, Eva J.	19			10	10	20
Sisler, Rebecca H.				24	12:	36
Smith, D. O. Wharton - Petate	"			125	100	225
D. U. W. Smith, 2nd Passants.					100	1 7 7 7
jouaniforth. Annie M.	- 19				. 80	80
Stirk, William H.				. 20		20
Thompson, T. Mason				49	39	88
Thompson, J. W.				2242	940	3182
Villard, Oswald G.				60	20	80
Hales, Florence Morse				:100	4	100
Marren, Arthur P.				' 6	10	16
White, Harry				. 5	. 5	10
Wilson, James C.				404	325	729
Wolbert, Charles E.				316	250	566
Woodward, Margaret F.				12	6	18
Wurth, Charles N Retate of				20	_	20
Albort F. Wurth Executor						10.
			-		20	20
Total represented by proxy			11	91847	70000	
			*		38207	230054
Grand Total			-19	1857	38252	230109

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The Secretary presented and read a copy of the notice of the meeting, together with the proof of the due mailing thereof, to deah stockholder of the corporation at least ten days prior to the meeting, as required by the By-laws.

Mr. H. F. Miller ctated that Mr. Charles Eliaon desired to be preout at this meeting in person; that owing to his absence from the city he was unable to be present; and that for that reason it seemed to be desirable to Adjourn the meeting until May 28th at 11:00 AM.



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STATE OF NEW JERSEY)
COUNTY OF ESSEX

H. H. ECKERG, being duly sworn, deposes and says that he is the Scorstary of THE ECHSON PORTAIN CREEK COMENT, a corporation of the State of New Jersey; and that on the firetday of May, 1925, he caused a notice of the annual meeting of the stookholders of said corporation, a copy of which is annexed hereto, to be mailed in a scaled curulope, postage prepaid, addressed to each of the stookholders of record of said corporation at his or her address as the same appeared upon the records of the corporation.

Sales again to the Cales again to the

Subscribed and sworn to before me

7. LOslutionals

Notary Public for State of New Jersey My Commission expires July 8, 1929

Edison Portland Cement Q.



ORANGE, N.J.U.S.A.

May I, 10

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edison Portland Cement Company will be held on Friday, May 1s, 1926, at 1130 o'clock P, M_{*0} , at the principal office of the Corporation, Edison Laboratory, corner of Lakeside Avenue and Valley Road, West Orange, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your alguature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Yours very truly,

H. H. ECKERT.

retary.

SERVED OF THE SINGLE SER

H. M. LONGERY, being duly sworn, doper or and mayor that he is the Secre-

tory of the indices posserve defined on the first day of they, nearportion of the drive of the number derest; and that on the first day of they, then, be caused a notice of the number another of the stockholders of said corportion, a copy of which is exceeding to, u be sailed in a said of evelope posserve models, addingued in said organization it has or ber address of the orm operation it has or ber address of the orm operation.

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J. T. O. Sucharde

Weigry Public for State of New Juriey By Commission explice July 8, 1829 or to record physical medianoes had been been a second of the second of

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THURSON

KNOW ALL MEN BY THESE PRESENTS:

That I, the subscriber, do hereby constitute and appoint Mr. Charles Edison or H. F. Miller my true and lawful attorney in my name, place and stead, to vote pon all the stock of The Edison Portland Cement Company owned by me or standing my name, as my proxy, at the annual meeting of the stockholders of the said Corporation be held at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Valley Road, in the Town of West Orange, State of New Jersey, on May 15, 1925, one thirty o'clock P. M. of said day, or on such other day as said meeting may thereafter be held by adjournment or otherwise, according to the number of votes I am now or may be then entitled to cast, hereby granting the said attorney full power and authority to act for me and in my name at the said meeting or meetings, in voting for Directors of the said Corporation or otherwise, and in the transaction of such other business as may come before the meeting, as fully as I could do if personally present, with full power of substitution and revocation, hereby ratifying and onfirming all that my said attorney or substitute may do in my name, place and stead.

IN	WITNESS	WHEREOF,	I have	hereunto	set	my	hand	and	seal	this	, Y'	1	-	
ay of	1925,													

MINUTES OF THE ADJOURNED ANNUAL MEETING OF THE STOCKHOLDERS OF

The edison portland cement company. \checkmark

The annual meeting of the stockholders adjourned from Friday, May 15, 1925, was continued at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Valley Road, West Orange, N. J., at 11:00 o'clock a.m. on Thursday, May 28, 1925.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

On motion by Mr. H. F. Miller, seconded by Mr. Um. H. An Headowordt, the readfor the roll of the stockholders was dispensed with, the Secretary, Mr. H. H. Eckert, being instructed to make note of the stockholders present and the proxies presented, with the following result;

STOCIOLOGICA PRESENT IN PERSON

				ber of Shar	
Eame			Common	Preferred	Total
Crane, Theron I.			10057	321	10378
Edison, Charles			1000	1000	2000
Lanshan, Henry			5		5
Meadoworoft, Wm. H.			5		5
Miller, H. F.				. ک	. 5
Miller, J. V.				. 40	40
Ott, Prederick P.			15	15	30
					-
STOCKHOL	DERS REPRESENTED	BY PR	OXY -		
	Name of Proxy				
Arbogast, Lois G. J.	H. F. Miller			10	10
Arbogast, Ralph.				20	20
Baird, David			192	. 121	313
Barber, Marie S.	17		2	. 1	3
Baumgartner, John			. 10		10
Beacom, James S.			200	. 200	400
Bell, Annie (Mrs. Joshua A.		A		15	15
Bent, Felton	19		364	140	504
Bent, Stedman	. 11		364	141	505
Brewster, Roberta	11		- 30	1 ** *	30
Brown, Henry P.		4.5	60	20	80
Bruff, Albert C.			. 150	50	200
Buok, Estate of Daniel	1		476	338	814
Campbell, Winfield S.	11		60 -		60
Carroll, Wh. G.			.1000	265	1265
Davidson, J. H.	10		36	40	76
Dyer, Frank L.			- 60	50	110

1				
3		Nu	mber of S	ares
Namo	Name of Proxy	Common	Preferr	d Dot-1
1				10011
Edison, Mina Miller	H. F. Miller	. 5916	2958	
Edison, Thomas A.	11	126942	19973	8874
Elkin, Adda Prothero		400	500	146915
Fable, Fraderick A.				900
	,	500	100	600
Folton, Edgar C.		300	100	400
Funk, Marion Thompson		2412	· 1081	3493
Garner, S. Carl	n	370	10	380
Gumoy, Lary Lagarge	"	100	50	150
Gummey, John S.		112	48	160
Harper, Jessie Cornell	0.7	125	. 25	
Harper, Wa. Henry	19	120		150
Hird, Allen E.	'n		2	2
Holland, Eugonia P.			5	5
Howell, Maude H.	.,	34	34	68
Howers, Imme H.			20	20
Hoag, Anna A., J. Henry & Alf				
G. Scottergood, Trustees,	"	147	129	276
Janvier, Estate of Walter		188	119	307
Jordan, Augustue W., Admin.	for			301
Walter Jordan.	**	10		
Kunkel, Boverly W.		34		10
LaDow, Hary E.			16	50
Mallory, Mery R.	ii .	100		100
Mallory, Walter S.			18	18
Martin, Adaline M.		10		10
Kastors, Goorge	"		10	10
Easters, Jessie W.	**	130	65	195
asters, Jessie W.	n	130	65	195
Masters, Estate of William,		100	100	
atthieu, Zetate of John P.		100	100	200
Phila, Trust Co., Prostage				
Cuarthy, Estate of Poli-		103	164	267
Crarland, James P			. 10	. 10
Millor, E. Clerance	ï.	920	280	1200
Orso, Alica J.		3951	579	4.530
orse, Estate of Francis G.	"	- 6	10	16
loss, Honry K.	**	80		80
Neill, William C.		.100	•	100
Ott, John F.	19	900	450	
out sunn P.	10 /	50		1350
arsons, Katharine F.			10	60
hiladelphia Trust Co., Trust	ee.	188	119	307
	THEO W. II			
		 224	96	320
	ij	3500		3500
Ortor, Convious to		3576	320	3896
Old. Willard P.			15	15
Billy, Brock & Co	19	1650	650	2300
oss, E. J.	II .	300	. 030	300
cattorgood, Alfred G.		67		
Osttowned	,, '	 147	42	109
cattorgood, J. Henry	10		130	277
cattergood, Margarot) J. Honry		147	130	277
		147	130	277
		588	519	1107-
			7	
chmidt, F. W.	stees	350		350
errill, Un. J.		200	100	
		200	100	300

Keme	liame of Proxy	No. Common	of Shares Preferred	19
Shaw. William F.	H. F. Hiller	70	60	130
Sholmerdine, Wm. H.	U	19869	5316	25185
Sibel, Vin. H.		10	10	20
Simkins, Eva J.		24	12	36
Sisler, Rebecca H.		125	100	225
Smith, Est. of D. C. Whart	on, "		80	80
Staniforth, Annie M.	16	20		20
Stirk. William H.		49	39	88
Thompson, T. Mason	.,	2242	940	3182
Thompson, J. W.		60	20	80
Villard, Oswald G.		100		100
Tales, Florence Morse	n	6	10	16
Earren Arthur F.	"	5	5	10
White, Harry	17	404	325	729
Wilson, James C.	n	316	250	566
Wolbert, Charles E.		12	. 6	18
Woodward, Margaret E.		20		20-
Wurth, Est of Charles N.			20	20
Bromley, Joseph H.	H .	956	578	1534
Taylor, Florence N.	·m	42	41	83
To	<u> </u>	193870	39886	233756

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The Minutes of the meeting of the etockholders held May 15, 1925, or which this meeting is a continuation, were read and approved.

The transfer and etook book of the Corporation, togother with a full, true and complete liet in alphabetical order of the stock-holders entitled to vote at the ensuing election, with the address of each and the number of sharee held by each, were produced and remained during the election open to inapportion.

On motion by Mr. J. V. Miller, seconded by Mr. Frederick
P. Ott, and by unanimous affirmative vote, the reading of the minutes of
the previous annual meeting of the etockholdere was dispensed with.

Messrs. Fredorick P. Ott and I. W. Walker (neither of them being a candidate for the office of Director) were appointed by the Precident so Inspectors of Election, and duly evern.

Nr. 2. I. Crane, Hesers. Theron I. Grane, Charles Edison, Thomas A. Edison, Nn. H. Meadowroft, Harry S. Hiller, Willard P. Reid, Th. H. Shelmendian, Henry Lamsham and John V. Hiller were nominated for Directors of the Corperation, to hold office for the ensuing year, or until their successors shell have been elected and qualified.

On motion by Mr. Wm. H. Mesdoworoft, and esconded by

No other meminations having been made, it was moved by lir. Grame and seconded by Mr. Moadoworott that the mominations be closed. The poll was declared open by the President at 11:30 o'clock a.m., and the stockholders prepared their ballots and delivered them to the Inspectors.

For the information of the stockholders, the Socretary was requested to read the minutes of the meetings of the Directors held since the previous annual meeting of the stockholders on May 16, 1924; and on meetin by Mr. Ott, seconded by Mr. Lambhan, the following resolution was adopted:

BISOLYED, that the acts of the Directore and Officers on behalf of the Corporation as est forth in the Himutes of the Directors' meeting held since the provious annual meeting of the stockholders on May 16, 1924, be and the came are hereby approved, retified and confirmed.

During the balance of the hour that the polls were required to be kept open, ir. Charles Edison read the annual report submitted by Loyanai, Ross Bros. & Montgomery, our auditors, showing the results of operations attained during the year 1984. This report showed the net earnings, attar adouting all interest charges, to be 0259,289.59 on sales of 2,184,845 barrels, as compared with the previous year's earnings of \$110,911.00 on sales of 2,004,616 barrels of cement. During 193

1924 the company's ourrent position was improved 3455,042.00, after expenditures of \$176,811.00 for plant improvements.

Mr. Challes Mison then presented a report on contemplated improvements to the plant, and explained that the future policy of the company's affairs anticipated spending only such smounts for plant improvements as the ceruings would possit. The plan contemplated expenditures of about \$1,000,000.00 approad over approximately the next three years.

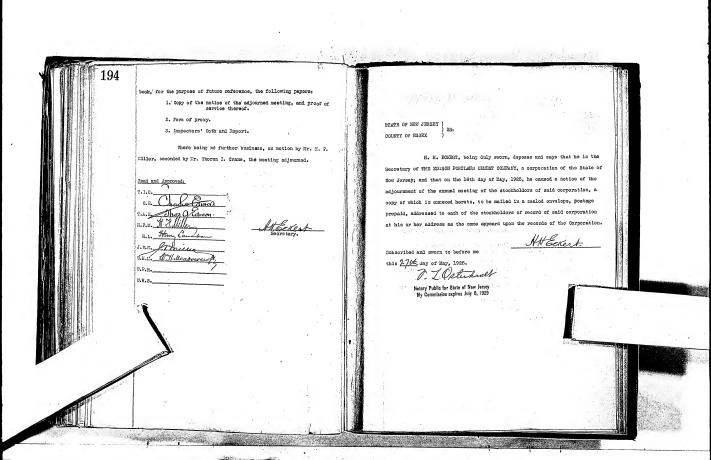
Mr. Edison discussed improvements made in the company's personnel; Mr. C. B. English had been engaged as Flant Manager and Mr. George C. Wilsmack as Chief Chemist and Combustion Engineer.

The poll, having resained open at least one hour, was closed and the languactors presented their report in writing showing that the following goutlomen received the number of votes set opposite their respective names:

Hame	Number of Vo
Theron I. Crane	233,756
Charles Edison	233,756
Thomas A. Edison	233,756
Wm. H. Meadoweroft	233,756
Harry F. Miller	233,756
Willard P. Reid	233,756
Wm. H. Shelmerdine	233,756
Henry Lanshan	233,756
John V. Miller	233,756

The President thereupon declared the above massed gentlemon duly elected Directors of the Corporation to hold office until the next annual meeting, or until their successors chall have been elected and qualified.

The Secretary was then instructed to insert in the minute







469 FIFTH AVE., N.Y. CITY AT 40 ST. WILHOT D. GLOGB
WAS PRESIDENT AND
RESPONSIVE MANOR
ALBERT G. DRUFF
WAS PRESIDENT ADMIT
RAYHOND A. WETZLER
WAS PRESIDENT NO VO.
J. HAMBELL FRENCH
WAS PRESIDENT NO VO.
J. HAMBELL FRENCH NO VO.
J. HAMBELL FRENCH NO VO.
J. HAMBELL FRENCH NO VO.
J. HAMBELL

May 18, 1925

To the Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

For your information, you are hereby notified that, pursuant to the provisions of the By-laws, the annual meeting of the Stockholders of The Edison Portiand Germent Company, suelled for Friday, My 124b, 1628, was, by vot of those present, adjourned until May 88th, 1928 at eleven o'clock A. M., at which time the meeting will be continued at the principal office of the corporation, Edison Laboratory, corner of Lakelide Avenue and Valley Road, West Grange, New Jersey.

Very truly yours,

H. H. ECKERT,

Secretary.



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PROXY

KNOW ALL MEN BY THESE PRESENTS:

That I, the subscriber, do hereby constitute and appoint Mr. Charles Edison or Mr. H. P. Miller my true and lawful attorney in my name, place and stead, to vote upon all the stock of The Edison Portland Cennest Company owned by me or standing in my name, as my proxy, at the annual meeting of the stockholders of the said Corporation to be held at the principal office of the Corporation, Edison Laboratory, corner Labeside Avenus and Valley Road, in the Town of West Orange, State of New Jersey, on May 18, 1928, at one thirty o'clock P. M. of said day, or on such other day as adminesting may thereside be held by adjournment or otherwise, according to the number of votes I am now or may be the entitled to case, hereby granting the said storney full power and authority to set for me and in my name at the said meeting or meetings, in voting for Directors of the said Corporation or cherwise, and in the transaction of such other business as may come before the meeting, as fully as I could do if personally present, with full power of substitution and revocation, hereby ratifying and confirming all that my said attorney or substitute may do in my name, place and sead.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this y of 1925,

STATE OF NEW JERSEY) SS: COUNTY OF ESSEX Ideac W. Walker and Fraderick P. Ott being severally sworm, upon their respective cotte, do promise and awast that they will feithfully, homestly and imperitally perform the duties of improtore of Election at the election to be held this day for Directors of ZHE EDISON FORTARD CHIMTY COMMANY, and make a true report of the support of t Subscribed and eworn to before me this 28 day of May, 1925. athundorlianon Fredrick P. Ott We, the undereigned, Inspectors of Election, roport that, having taken oath impartially to conduct the election of Directors of the above-missed corporation, we did receive 283755 votes of the etockholders by ballot, and that the following persons received the number of votes set opposite thair mesos, to For Diractora Number of Votes The gron I. Crane 233,756 Charles Edison 233,756 Thomas A. Ediaon 233,756 Wm. H. Meadoworoft 233,756 Harry F. Miller 233,756 Willard P. Reid 233,756 Wm. H. Shelmerdine 233,756 233.756 Henry Lanahan John V. Miller 233,756

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Tolil V. Tiller

MINISTER OF THE ANNUAL MERCING OF THE ROADS OF STREETING OF THE EDISON PORTLAND CEMENT COMPANY. V

Held, pursuant to notice, Vednesday, June 3rd, 1925, at 11:00 o'clock a.m., at the principal office of the Corporation. Edison Laboratory, corner Lakeside Avenue and Valley Road, Wost Grange, N. J.

Present:

Charles Edison, Thomas A. Edison. H. F. Miller, Henry Lanshan. John V. Miller. Wm. H. Mesdoweroft, Directors;

H. H. Eckert. Secretary. W. D. Cloos, Vice Prosident & General Manager.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The President stated that one of the objectsof the meeting was to elect officers of the Corporation to hold office until the next amual meeting or until their successors are elected.

The Secretary then read the list of officers provided for by the By-laws of the Corporation, as follows:-

> Chairman of the Board of Directors President Such Vice Presidents as may be determined upon by the Board of Directors.

General Manager Treasurer Secretary General Counsel

Such Assistant Treasurers as may from time to time be determined upon by the Board of Directors Such Assistant Secretaries as may from time to time be determined upon by the Board of Directors And such other officers as may from time to time be determined upon by the Board of Directors.

On motion by Mr. H. F. Miller, seconded by Mr. Meadoworoft, and by unanimous affirmative vote, the following gentlemen were elected to fill the offices set opposite their respective names:-

196 J. C. LaRus

Thomas A. Edison Chairman of the Board of Dircotors

Charles Edison W. D. Cloos Albert C. Bruff Raymond A. Wetzler

President Vice President and General Manager

Vice President and Manager New England District Vice President and Manager New York District Vice President in charge of Purchases C. S. Williams, Jr. Harry F. Miller Trossurer

H. H. Eokert Secretary Henry Lanahan G. J. Schultz

General Comsol Assistant Treasurer Assistant Treasurer and Credit Manager

R. H. Allen Assistant Treasurer F. A. Sinclair Assistant Secretary F. C. Erwin Assistant Secretary

Mr. Harry F. Miller stated that inasmuch as the Cashier of the Philadelphia Office, Miss Mary A. Loughery, was about to leave our employ, it would be necessary to authorize her successor, Miss K. J.

Loughery, to sign checks drawn on the "Fhiladelphia Sales Office Account" with the Bank of North America and Trust Company.

On motion regularly made and seconded, the following resolution was unanimously adopted:

> RESOLVED, that in addition to the powers and authority given to certain officers of The Edison Portland Coment Company, as provided by its By-laws, authority is hereby granted to Hiss K. J. Loughery to sign and Mr. J. Hansell French to countersign checks drawn on the funds of this Corporation, carried in its account known as "Fhiladelphia Sales Office Account", in the Bank of North America and Trust Company, Philadelphia, Pa.; provided, however, that neither Miss K. J. Loughery nor Er. J. Hansell French shall have any authority to endorse for doposit in, or collection by, said bank any chocks, drafts or money orders payable to or to the order of The Edison Portland Cament Company.

> This authorization cancels and supersedes the resolution adopted by the Board of Directors on April 30, 1924 (#C-152), which granted authority to Miss-Mary A. Loughery and Mr. J. Hansell French to respectively sign and countersign such

Mr. Cloos requested ratification of the action of the proper officers of the Corporation in executing, from time to time, certain orders

for coal and cement bags, copies of said orders being then submitted end read.

On motion regularly made and seconded, the following

resolution was unanimously adopted:

RESOLVED, that the action of the proper officers of this Corporation in executing certain purchase orders for coal and cement bags, be and is hereby approved and ratified, copies of said orders having been numbered and filed with the Secretary of this Corporation, and providing for purchases a s follows:-

Auth.	Order No.	Date	Ma	teris	a		Price	Expendi-	Vendor
									,
C-191	93252	4/28/25	5000	tons	Bit.	Coal	\$1.25:	\$6250.00-	Burtner . Coal Co.
C-192	93253	4/28/25	5000	"		11	1.25	6250,00-	Farrell Puel Corp.
0-193	93255	· 11	4000	**		rf	1.25	5000.00-	R.Y.Brown Coal Co.
C-194	93256		1000	17	10	**	1.25	1250.00-	Ardean R. Miller
0-195	93600	5/28/25	250M	Cloth	Bags		161.001	40250.00-	The Riegel Sack Co.
C-196	93601		20021	**			162,00M	32400.00-	Bemis Bros. Bag. Co.
C-197	93612	5/27/25	1500	tons	Bit.	Coal	1.25	1875.00-	H.H.Lineaweaver &Co
C-198	93613		1500		10	**	1.25	1875.00-	Eastern Coal & Coke
C-199	93614	19	3000	"		11	1.25	3750.00-	R.Y.Brown C.Co. (Co
C-200	93615	17	3000	19	10	, n	1.25	3750.00-	Sitnek Puel Co.
C-201	93616	11	3000	"	19	11	1.25	3750.00-	Farrell Fuel Corp.

Mr. Cloos then requested the approval of the Board to New Construction and Alterations Order #65 covering a proposed packing and bag oleaning house installation at an estimated cost of \$61,796.20, and he then presented and read a copy of the order, together with an Estimate Sheet showing the details of the installation.

On motion regularly made and seconded, the following resolution was unanimously adopted:

> PRESERVED, that the proper officers of this Corporation be and they are hereby authorized to proceed with the Proposed Facking and Bag Cleaning installation at a

Mr. Mison stated that while all the work under the three headings would not be carried through at once, he desired to have the Board of Directors appropriate the sum of \$225,000,00 to cover the entire project. He requested this, with the understanding that as each of the three divisions of the project were taken up for execution, a specific authorization of the Board would be obtained. In this commention he added that at a meeting of the Board held Jume 3rd, 1925, an authorization was passed to spend \$61,796,50 to cover Item \$1 - grading and Track Work. However, as this work would be deterred until a later date, another authorisation will be obtained when the work is ready to be started.

On motion regularly made, seconded and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the Soard of Directors of this Corporation does brown authorize an expenditure of not exceeding (225,000,00 for the exceton of a new bag house and packing stations out augment, grading and track work incidental theory. This work to be divided under the general headings of

1. Grading and Track Work.

2. Measure and Frack Upyk.
2. Measure and Frack poyk.
3. Equipment for Bog House and Packing Stations.
4. Equipment for Bog House and Packing Stations.
5. Equipment as each of those three divisions of the project must be specifically authorized by the Board of Directors before any work is commenced thereon.

Mr. Charles Edicon stated further that it had been desmed advisable to immediately start work on Item #2 (Erection of Bag House and Reciding Stations) montioned previously in the minutes of this meeting, it was essential that the bag house be ready for the storage of bags this Pall; that in order to do this it was necessary for an outsider to take over the work; that a contract had been executed with the Public Service Production Company, calling for the erection of a bag house and three pucking stations, per our specifications, at an estimated cost of \$47,054.00. If the cost is less than the estimate(\$207,532.00), making a total of \$74,054.00. If the cost is less than the estimate(\$207,532.00) we are to receive 75% of the saving, and the contractor and

Mr. Charles Bileon then requested ratification of his action in executing said contract.

On motion regularly made, seconded and by unanimous affirmative vote, the following resolution was adopted:

RESOLVED, that the action of Hr. Garles Ellen, President, in executing on behalf of The SER en Durtland Gement Company, a cortain contract, dated, Dv2.2, 1925, with the Fublic Service Production Company, 580 Park Flace, Newark, N. J., providing for the eventue of a bee house and three packing statues, as per our specifications, at an estimated cost of 267, 322.00, Public Secution, as per place 105 contracts of 185, 105.00, making a total expenditude of the Company of

Mr. Closs requested ratification of the action of the proper officers of the Corporation in executing an order with the Jaite Company for three carloads of paper bags, in accordance with contract dated December 31, 1924.

On motion regularly made, seconded and by unanimous affirmative vote, the following resolution was adopted:

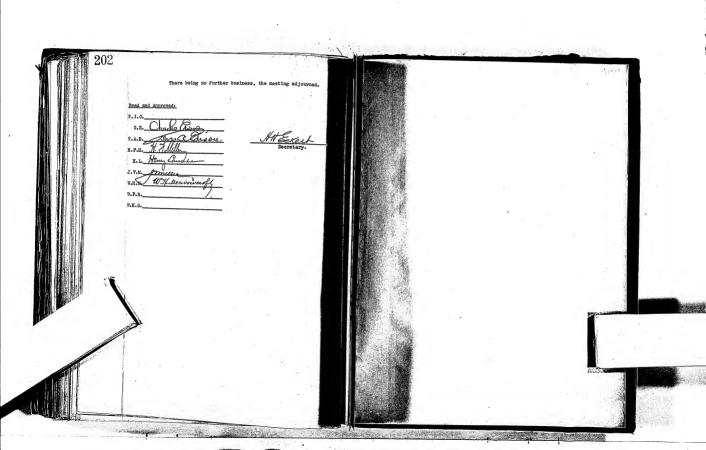
RESCATED, that the action of the proper officers of The Matien Portland General Company in executing a certain order, \$40056, dated June 29, 1925, with Ma Jatte Company, Jatte, Chio, be and is hereby approved and ratified, a copy of eatd order having been numbered and filed with the Secretary of this Corporation as Authorization No. O-20%, and providing for the purchase of:

Quantity and Material: 3 carloade (approx. 300,000) Jaite puncture and waterproof Edison paper valve bags.

Price and Point of Delivery: \$51.00 per M., f.o.b. New Village, N. J.

Total Expenditure: Not to exceed \$15,300.00 in accordance with contract dated December 31, 1924, and expiring December 31, 1925.

C-205- Age 201



G-2 (1145-20) 800			
TH BOSTON	E EDISON PORTLAND CEMENT COMPANY NEW YORK CITY PHILADELPHIA	PACKAGE:	Buyer agrees within ninety (00) days from delivery of coment to deliver to Soller, the aware, at its plant at New Yillage, N. J., freight prepaid, properly bundled and so matched at to insure complete distuffication, the bags bearing EDISON brand in which said coment was peaked and Seller agreet as refund to Buyer
QUANTITY	DEALER CONTRACT NO THE EDISON PORTLAND CEMENT COMPANY, hereinafter called the Seller.	1	() cents for each bag sa delivered in goad canditian, subject to its count and inspection.
401111111	agrees to sell and		Soller will make no refund far warthless bags, or bags which have become wet.
	hereinafter called the Euger, agrees to buy barrels of EDISON PORTLAND CEMENT (of		to Buyer's arder us to disposition.
	in paper bags.		Shauld Buyer sell any af the bags bearing EDISON brand or atherwise dispase af them ts any persons are persons ather than EDISON PORTLAND CEMENT COM- PANY, the awners, Buyer agrees to may seller for.
PRICE:	The price to be the Seller's price of EDISON GEMENT (an new current business) at the time acels shipment it much, per standard barrel including reatal, if any, of package, in carload late V. O. B. current business registrate to apply.		dispased of,
			The rental of all bags must be paid at the same time as the purchase price of the coment and under no circumstances to be deducted when remittances ere made.
	Any change in freight rates to be far Fuper's account. Government transpartation tax to be for Fuper's account. Price of composition packed in paper includes the paper bags which are not returnable. Shipments in paper bags are made at Bugser's risk af breakage and resultent lass of concent.	TERMS OF PAYMENT:	
SHIPMENTS:	Fram 192 ta 192		If at any time the financial responsibility af Buyer shall became impaired at un- satisfactory to Seller, the Seller reserves the right to require payments in advance or satisfactory security at guarantee that invaices will be paid when due.
	Unless atherwise specified herein, shipments are to be made in equal monthly quantities. The Seller shall not be responsible for delays in manufacturing or shipping ensued by strikes, differences with workment, accidents at its plant, inability or failure after the accretice of the difference with		If Buyer fails to camply with terms of payment ar with any af the terms of sele, Seller reserves the right to at any time cancel unfilled portions of this contract ar order, Buyer remnining liable for all unpaid accounts for material delivered hereunder.
	falling after the differences with verdence, socidents at its plant, includity or failting after the difference in course are, and are after materials in quantities sufficient to some care, and are after materials in the Soller, or other controlled and the total or, after any delays in trans-delivery of said counse at a fram the Soller's party. The numeristant, shipment are delivery of said counse at a fram the Soller's party. The sollection care (at the Soller's appears and the sollection of the Soller's sollection and the Soller's sollection care (at the Soller's restorated in quantity by an anament praparties at the the resolution in the Soller's party sollection care (at the Soller's sollection care (at the Sollection care (at	SPECIFICATIONS	The EMSON FORTLAND GEMENT to be shipped becomes is when shipped at another specific production of the United States Generalized at the control state of the standard specifications for FORTLANDING at the Control state of the St
DELIVERIES:	Seller will not be responsible for loss or damage to coment or ta packages in transit: Railway Company's bills of lading shall be conclusive as to quantity and good condition at coment and package when logad continuity as to quantity and good		This contract shall be binding upon the heirs, executars, administrators, successors or assigns of the respective parties hereto, but shall not be assigned by $Buyer$ without written consent of $Seller$.
	Place of Delivery: In loaded ears an D. L. & W. R. R. tracks, New Village, N. J.	Executed by the par	tics hereto this day of , 192 et
	railroad agent's acknowledgment on freight bill. Freight over-charge must be		THE EDISON PORTLAND CEMENT COMPANY.
	The Seller shall have the option or right at any time after the day of 192 10 refuse to make further deliveries on this ment, and may be exercised at any time on, applicable to each ship- deliveries were exercised at any time and without were	Buyer's Signature	:
		By	Vice-President and District Manager.
PACKAGE:	tion shall be settled for and borne by Buyer.	This contract shall not in writing at the Office of the Secretary.	t be binding upon The Edison Portland Cement Company unless and until approved company, New York, N. Y., by its Vice-President and General Manager, and its
	which above to Bayer at a charge of	By Vice-President and	General Manager,
	Buyer agrees to pay at the same time and on the same terms as payment for eement backed in cloth bags and which charge is made.	Ву	Secretary

the space

	0.135	100
	TERMS AND CONDITIONS	S.
	SHIPMENTS: "Under otherwise specified largely, a bluewath or it is be used to spent carefully quantities. The distriction of the control of	
	DELIVERIES: Seller will not be responsible for loss or damage to cement ur to juckuges in trunsit. Railway Company's bills of loding shall be conclusive as to quantity and good socielition of cement and juckuges when looked on care in Seller's plant.	
	Phoe of Delivery in hooked cars on D. L. & W. R. R. tracks, New Village, N. J. Chine for how of damage will not be considered unders supported by sain records and rollivous species colmosoleted an traight bill. Prolight over-charge must be accompanied by original re- contract freight bill.	
DATE C	The Saller shall have the option or right of ony time ofter the expiration of this order to retuse to make further deliverse, inch option or right shall no o continuing one, applicable to cost shall be one of the continuing one applicable to cost shall be one of the continuing one of the continuing of the continuing one of the continuing of the continu	
EDISON	All relircod and lighterage, demurrage, our service and terminal charges at destination shall be settled for and borne by Bayer.	
ONTRACT BETWEEN EDISON PORTLAND	PACKAGE: Clob bage bearing EDBON humal in which commet in pucked one the property of dellar and one for a gerbed of fining (00) dony from delivery by Sellar of the said commet, instant by Sellar to Suyar of a charge of twenty-dreft 20) cames now, which shares is lanched in 1 park for ensument packed in cloth boys and which charge Suyare strong with the same three and my the same trens at partners the results it made.	
D CEMENT CO	Player agrees within checky (60), days from delivery of second in deliver to Salary, the owner, of its inpliced to SEVE VILLAGE, S. K. desight prompty prompty beneficial cost amounts on tenance completes identification, the length benefits (SEVE) below its width eath crewest probest and tenance of the second control of the secon	
700.	Saffer will make no refund for worthless large or bugs which have become wet. Foreign bogs returned by Duyer will be held by Seffer for thirty (100) days subject to Buyer's order as to disposition.	a particular particula
	Should Buyer sell any of the bogs hearing EDISON brand or otherwise dispose of them to any person or persons other than EDISON FORTLAND CEMENT COMPANY, the owners, Buyer sgreet to pay drift fits (2) cents for each thog add or disposed of.	
	The rental of all bags must be paid of the some time as the purchase price of the centent and under no circumstunces to be deducted when remittances are mode.	
	TERMS OF RAYMENT: Terms of payment ore ten (10) cents per barrel discount for cash in ten (10) days from date of invoke or net thirty (30) days.	Man
	If at any time the finercial responsibility of Bayer shall become impaired or unantisfactory to Selfer, the Selfer security in right to require payments in advance or authentisty security or generates that involves will be paid time date.	
Africant Control of Green Control of Control	If Buyer fulls to comply with terms of payment or with any of the terms of sale, Solier reserves the right to at organization and interface and the second for more and the second second for more and the second	
Was a way	SPECIFICATIONS: The EDISON PORTLAND CEMENT in he shaped hereunder is when abspect to conform in every respect to specifications of the United Statis: Government, or standard spedifications for FORTLAND CEMENT as adopted by The Analysian Society or Testing Statistic when tested by methods of testing recommended by The Analysian Society or Cent Replacers, but distinct season has be repossible for languages and or consect, theories, with an grantest findled wire.	

Samuel Control

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	ORDER	*	17.2
	Name Order No.		
	Address Date.	*	
	TO EDISON PORTLAND CEMENT COMPANY		
QUANTITY:	Please enter our Order for Cars (CLOTH: Barrels in CLOTH:		
	EDISON PORTLAND CEMENT		
PRICE;	(To be the current market price for EDISON CEMENT at time of shipment)	·	
SHIPMENTS:	From		
*	In equal monthly quantities or Jan. Feb. Mar. Apr.		
	MayJuneJulyAugSeptOctNov Dec		
CONSIGN TO:		•	
ROUTING:			
REMARKS	1. 32 2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.		
	The second secon	•	
(B)	This order is subject to the Terms and Conditions noted on the back hereof.		
	Signed		
	The second secon		

Edison Portland Cement Company Records Stockholders and Directors Minutes (1925-1929)

This volume contains minutes from meetings of the stockholders and board of directors for the period August 1925-August 1929. The front cover is stamped "The Edison Portland Cement Company Volume 6." The book contains 200 numbered pages and an index. Several unnumbered pages have been inserted into the book.

anual Meeting - Stortholdery # 25, 33, 77, 91, 125, 181, ... - Directory #39, 67, 131, 189, Bag House project-orders. #8,18,29, 95, 99. Bouds, Debeuture, surchard #11 au. Delaph. of Valey. & agreement -#112, # 15, 90, 31, 66,74, 93, 113.119, 123,141-2 £18.30,66,121, ag Cleaning Contract # 18,20, 67, 116, 170, By-Lawy-revised, Hank auount Boston Consett. Gas Co (Lessor) appropriation for expanditive for foundation sto, for new bailer # 197, Bruff. A.C. Auth. to countersign Cry #73, acceptance of proposal by Bolomathy Willow En. for sew briles #197, aller. R. N. elected Director, Bond Foreement, Extension of due date #89, Blowers, Installation of. allen RN. reesed Dice Bres. in Chy. of Rend. #72. allen, RH. elected and Virefres, #13 Bethlehem fleet Co. - New Figtle, # 1. alles Chalwers Wilger. alcohol Percuit 4.9,18,39,41,60 Brown, B. of Cost Co. advertising literature. Forck of Berthe Consumer Co. agreement - Extension of dua data - 1st Mfg. Gold Bondy +89, Benis Bros Basto. - Camant Rock Quarry Stripping. Burtuer Coallo - george A. Persall al. ol, 4/8/20, 116, 190, 30,31, 74, 93, 102, 104, 106, 113, 119, 123, #118. Baylewice Co ackley, H. W. agreement. #132, Baty Value Baglo agreement - D.L. X W. R.R. #138. Blue Ribbon Coallo, am. (onstruction Council-memberships 142. Books, "Romance of Crusul." #56 Oikin , Runser & - authority to signicheche (Phila Office) # 146, #1721 Bond Eptension agreement allen, a.a. - auth. to ujn y contarign checks Batte Valve Bag les. #178 Appropriation of 120,000.00 for additional strugs sphilles of 166, also fr 196 Bosset, Robert - Bostrach £196, approval of contract of Mexical James Eng. B. ¥166, Baberch of Wilcop la Contract for boiler agreement for extension of time import. of bonds Sypaintment of & b. Gald an asin Vice Rev.

#105, 108, 145,148, Debeuture Bonds, pur from TEE #11 £9.18.30,41-54,56,60,67,69,104. 9 f #13,96, 9 f 153,155. \$ 53,55,59,70,101,107,112,151-152, authority - alsolol Percial - #62 Daces Construction, Pump House and -#95. D. L. & W. R.R. - work performed by - #95,99, 139, Drag Chain Couveyors. bleneset TC. F. H. - Coul to creek Oracle balls +2 Slock Hs. #61 Coursete Balls, # 2 Stock Hause #66-1/13, 119, 123, 139, 145, 168, 178, 189, because Bago, Perch of Coal Beis, New. boal Freders, New. Conveyor Dystens Countrifugal Beres, entallshe Craw, Theron I. Kriguetion Cuba Commercial Con Lettlement, # 21. Craw, Crawling Tractor #116. Centy & pleposet wi Tout Co. & My Jersey Co. #159,167 Chamical National Bank, Close, H.D. - auth to sign & countersign shorts Stoutents for gubber requirements #168. Compressor Liv - Ourchang Contract with Pobert Bolourh

Farrel Fuel Corp #4, 9,18,30,41,60 Edison, Thomas Q. hotes. Equipment, New. 494.9 FS - Equipment for New Boy Va & My Va + 99. ¥94,9g, Fire Lies, New 6" -Fidelity Union hust G. #135 Foundation, etc. ~appropriation First Nat. Bank, Washington, N. 451, 158, First My, Gold Bondy, - Extension of che date. 6-89, Elkin Fuel to, Elisted Director #17, Eastern Call & Color, #20

Harris Brother (Cuba Com Lettlewent). #21 Harris Company, The M. a.; #41 Goodyear Tire + Bulberton #30, 10h Greenfeld x Co., 17. M. (Asson This Oc) #63 Grading & Track Work for New Bag Hs. Group Insurance #137.

The fait Co. 153, 390, 74, 93, 102, 104, 106, 113, 139,445,148, 176, 189, 199, 138.

#63. Legse. #62. 117. Kiln Sections, Order for #63. #117, 132, #73 Repairs #66. Kelly, Miss Kotherine G. - Aut. to sign Cks. 56, 73, 142, Livermore & Knight C. Laverner Count & . (Cool) \$9,30 Laverner Count & . \$53,55,59 Loom, J. a. E. lice (Continue of outing # 65, 110, 169, 181, Liberty Such & Bout of Cloud #72. Loughary, Miss K. J. (Fh.h. Oh.) #100

Membershit, 194, 18, 63,67,74,114, 120,12d,142 Mylay, Mill Jayroll account \$50,51
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National Casor. Survey of Querry 149-144,

North World Wilson Banks, her and,

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Mass State State South of 1 months. New Stock Conficients, Eld Mallory #18,30,168, Maran-Heller Co (goodyear) maresti x Co. a. G. (con) Miller, J.V. - Oply. ask. Traos. Metropolitan Like Ins. Co. Group Ins.) #138, Mose Constal James Eng. lo. Appared of twiter of the My of Wal. Maybe Date Barring Black.
Mysellow, W. I. - Sole of stock So The C. stock of M.

#66,119. Osnaburg Cament Bags. Porch. of. Philips, C. H. - aut Treat. Quiglore Coal Co. Gottand ament ass. Colds. Pittsburght Eric Coal 6 O'Neill y Sons. Hm. C. (Ins. Brokers) #103 Percent to use distilled afirits Per Divic Count Co. #70, 101,112, Percep House and Daw Courtenation #95, Public Service Produ Co. Phillips , This E.S. (Plies of) archier, sign chur #100 Phoening Parlland Cevent G. Phillipsburg Nat. Bautot Trust Co. #50, Persel Groupe a. dal - agreement (Springs) # 118, Revelace of Thatalu Baperly = 136. Power of Citty-lybrand Ofers.

Rotory Stonedyer (went #19 Busine of Council books #56 Quarry Stripping - agreement Rate of Securacia. Low # 111 Real Estate Land Title & Trust G. #113, 135, # 113, 135, Raymond Bay Co. # 119, 123, 139,148,153, Release, warkening comp. Ropublis Rubber les. #168, Onaker City Rubber Co, #18,30,168, Reid Willard P. - letter re. Leath, #7. Geed, E. G. appointed auch no Open # 193,

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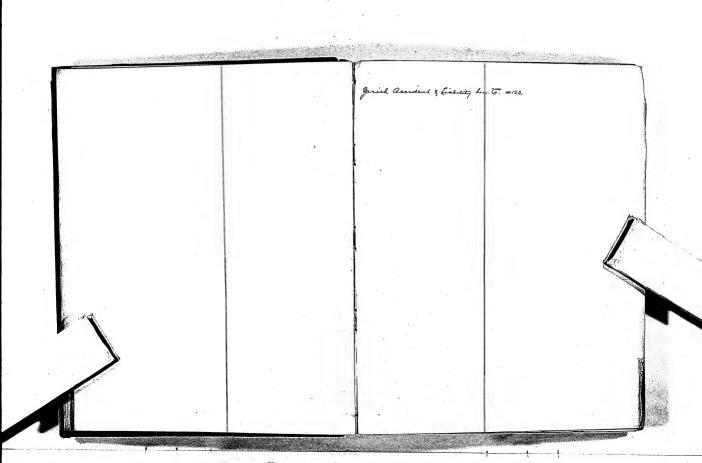
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Trestle, new, at will, Tax Waiver #6z #94 #96, Traylor Engineering Co. (Ris Sees) Transford Line, new 5" -Tracks to Rendle Lypeum, new Jaggard Bor. C. Roper Bago Thateler. Referred Witzer Truel C. M. J. Jivon Lity, Latty Repair with Tylemon, Will Lev. Barbard #136, # 159, 16% ¥168. MS. Jourt Bedy & Contract figuring of, #14, 96, On S. Aublen Company - Contract \$168,

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Williams fr. Co. - Auxil. to argue bout Bid & Couts. #96,
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MINUTES OF A MERRING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held Thursday, August 20, 1925, at 11:30 o'clook a.m., at the principal office of the Corporation, West Orange, N. J.

Present:

Charles Edison, President;
Thomas A. Edison,
Honry Lameham,
John V. Miller,
Wh. H. Meadoccroft, Directors;
H. H. Eckert, Scoretary;
Wh. P. Clear, Secretary;

W. D. Cloos, Vice President and General Manager.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The minutes of the meeting held July 17, 1925, were read and approved.

Hr. Charles Edison announced with regret that he had accepted the resignation of Hr. G. J. Schultz as Assistant Tressurer of the Corporation, effoctive as of September 1st, 1925.

Mr. Gloss requested that the Vice President in charge of Furchases be authorized to execute an order with the Bathlahem Steel Company to cover the furnishing and erection of all structural steelwork, track work and timber construction for a new treatle at our Mill, in accordance with plans and specifications submitted by Mr. C. C. Vermeule, Civil Decliner, at a cost of \$55,944.00 complets, plus whatever charge is made necessary by any work ordered by us in commection with the furnishing and placing of commerce work or the removal of any old steel at the orunderhouse which is to be done on a cost plus 50% basis; it being understood that the total expenditure of the entire project is not to exceed \$37,244.00.

On motion ragularly made, seconded and by unanimous affirma-

RESOLVED, that Mr. C. S. Williams, Jr., Vice President in charge of Purchases, be end he is browly authorized to account on behalf of the Elicen Fortland Common Company, a certain order, §94452, dated July 30, 1925, with Pethlehem Steel Co., Sethlehem, Fa., a copy or which has been numbered and filed with the Secretary of this Corporation as Authortestion No. 2005, and providing for:

Purnishing and erection of all structured steelwork, track work and their construction for a new treatle at our Mill, New Yilage, N. J., as per plans and appositionations of ir. O. Ormenule, O. E., 100 Park Now, New York City, at a cost of 555,944.00 complete, plus whatever charge is the contract of any old etsel at the crusherhouse which is to be done on a cost plus 50% hasis; it being understood that the total expenditures of the entire project is not to exceed \$97,584.00; and other name of this detail of the contract of the contract

There being no further business, the meeting adjourned.

Reed and soveroses

0.2. Charles Strong

1.1. Alter Sanata

H. J. H. Allille

1. V. H. Structur

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V. H. S.

W. H. S.

M.Excut.

MINUTES OF A MEDTING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Monday, September 21st, 1925, at eleven-thirty o'clock A.M. at the principal office of the corporation, West Grange, N. J.

Present: Charles Misson,
Thomas A. Edison,
Henry Laushan,
Henry Laushan,
Herry P. Miller,
John W. Miller,
W. H. Headoword, Mractore;
H. H. Meadoword, Mractore;
W. D. Clooe,
General Musseer,
General Musseer,
General Musseer,

The meeting was called to order and precided over by the Freeidant, Mr. Charles Edison.

The minutes of the meeting held August 20th, 1925 were resd and approved.

Er. Charles Edison etated that he had accepted the resignation of Mr. F. A. Sinclair as Assistant Secretary of the corporation, effective October 1st, 1925.

At Mr. Charles Edison's recommendation and on motion regularly made, seconded and unanisously carried, Mr. E. H. Fhilips was elected Assistant Tressurer of the corporation, replacing Mr. G. J. Schults who resigned as of September let, 1925, and Mr. J. P. Doig was elected Assistant Secretary of the Corporation, replacing Mr. P. A. Simolair.

Mr. H. F. Miller, Trescurer, stated that Mr. Thomas A. Edison now holds twenty notes of The Edison Portland Cement Company in the amount of \$100,000., totalling \$2,000,000., bearing interest at 6% per annum and fall-

ing due September 30th, 1925. In lieu of payment, Mr. Edison has offered to acted hie loam for one year, accepting eimilar notes expiring September 30th 1926. Hr. Miller therefore requested that the Board authorize and approve the issumment to Mr. S. A. Edison of trenty notes, totalling \$2,000,000., besiing interest at 50 per ennum and expiring September 30th, 1926.

AND THE RESIDENCE OF THE PARTY OF THE PARTY

On motion regularly made, esconded and unanimously carried, the following resolution was adopted -

MHEREAS, Mr. Thomas A. Edison now holds twenty (20) notes of the Edison Fortland Cement Company, dated September lat-1924, in the amount of one hundred thousand dollars (\$100,000.) each totalling my_million dollars (\$2,000,000.) and expiring Soptember 30th, 1925;

AND WHEREAS, in lieu of payment, Mr. Edison has offered to accept similar notes expiring September 30th, 1926:

NOT, SURGEOUR, BE IT SESSIVED that the proper officers of the seprention be and they are hereby authorized, upon the surrender for cancellation by Mr. Thomas A. Editon of the carceanid notes nor hold by his, to issue to Mr. Thomas A. Editon tenty [20] notes for one hundred thousand dollars (20,000,000, and the superior of the control of the control

At the request of Mr. W. D. Cloos and on motion regularly made, seconded and unanimously carried, the following resolutions were adopted -

RESGUED, that the Board of Mirectors of The Edison Fortiand Genem to does hardy approve and ratify the action of its Vice President in Charge of Purchases, Mr. O. 3. Williams, Fr., in excenting the following orders providing for the purlation of Mills Wolattle Stand or Mine Sum Goal for September, 1955 of the Standard Standard Standard September, 1955 of the Standard Standard Standard September, 1955 of the Standard St

Tini t No. No. Quantity Price Total 0-207 94795 Farroll Fuol Corporation 2100 tons \$1.30 \$2730.00 0-208 94796 Whitney & Kommerer 1000 . 1.25 1250.00 0-209 94797 Century Coal Co. 2100 " 1.30 2730.00 0-210 94798 R. Y. Brown Cosl Co. 2100 " 1.30 2730.00 0-211 94799 Sitnek Fuel Corporation 2100 " 1.30 2730.00 C-212 94861 R. Y. Brown Cosl Co. 3000 " 1.30 3900.00 C-213 94862 Pursglove Cosl Co. 1500 " 1.30 1950.00 C-214 94864 Bertha Consumere Co. 1500 " 1.30 1950.00

Total Expanditure \$19970.00

RESOLVED: that the Board of Directors of The Edison Portland Commont Co. does hereby superver and ratify the action of its Tice President in Change of Purchases, in C. 5. Williams, Jr., in executing under date of September 9th, 1925, a certain order (\$49429) with The Jatice Company, Jaice, Ohio, a copy of which has been numbered and filed with the Secretary is Authorization No. 6-255, providing for the purchase of -

Quantity and Material:

2 carloads (approximately 200,000) 2 barrel Jaite Puncture & Waterproof Edison Paper Valve Cement Bags

Price and Point of Delivery: \$51.00 per M f.o.b. New Village, N. J.

Total Expenditure: Hot to exceed \$10,200.00.

Mr. Charles Edison stated that at a meeting of the Porland Oment Association held Wednesday, May 20th, 1925, the numbers had adopted a report of their Building Ocenities covering the erection of an Association building in Chicago, Illinois and granting approval of their plan for financing this

> This plan provided that of the required funds -\$165,000, be taken from the present surplus

> > \$125,000. be raised by increasing the dues of the Association

the balance be secured by the issuance of first mortgage bonde.

The members were requested to subscribe their pro rate share of these bonds, based on the ratio of their individual dues to the total dues of the Association.

Mr. Edicon then presented and read a communication which he had received from Mr. W. M. Kinney, General Manager of the Association, under date of September 11th, 1925, informing him that to finance the new Association building, it was estimated that, in addition to the funds occurred \$6.000.

At Mr. Charles Edison's request and on motion regularly made, seconded on unamimously carried, the following resolution was adopted -

MURRIAS, the Portland Gement Association is shout to issue for the financing of their new Association building in Ghicago, Illinois, first mortgage bonds to the smount of \$975,000., dated borber ist, 1950; carrying interest at the nate of \$5\$, maturing \$155, 1950 and 1951 - and \$265,000. October 1st, 1952; carrying the analysis of their maturing \$150, 1950 and 1951 - and \$265,000. October 1st, 1952; callable on may interest date in the rewree order of their maturities.

AND WHEREAS, The Edison Portland Cement Company's pro rata share of these bonds, based on the ratio of their dues to the entirs Association dues, is \$5,000.:

NOW HIRDSTORM, BE IT RESOURD that the proper officers of this organization is and they hereby are subtorized to enhance to to the slove bond tense in the mess of The Edison Portland General Company to the extent of \$6,000.00, a copy of this recolution having been unabered and filed with the Secretary of the corporation as Authorisation No. 0-217.

There being no further business, the meeting adjourned,

Reed and approved:

0.E. Chanks There of the Control of the Contro

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held pursuant to notice, Thursday, Docember 3, 1925, et 11:00 o'clock a.m., at the principal office of the corporation, west Grange, N. J.

Present: Charles Edicon, President, Thomas A. Edicon.

Henry Lanaham,
Harry F. Miller,
John V. Miller,
Vm. H. Meadoworoft, Directore;
H. H. Eckert,
W. D. Cloos,
Genoral Manager.
Genoral Manager.

The meeting was called to order and precided over by Mr. Charles Edicon. President.

The minutes of the mosting held September 21, 1925, were read and approved.

Mr. Charles Edicon ennounced with deep Pagret the death, on October 12, 1925, of Mr. Willard P. Reid, who was a faithful Edrector and supporter of this company for many years. Mr. Edicon stated that, on behalf of the Board of Directors, a letter of sympethy had been sent to Mrs. Reid on October 17, 1925.

Mr. Charles Edison called attention to the fact that the the company, as a result of a favorable year's operations, expected to complete the calendar year ending Doceaber 31, 1982 with e cash surplus of at least 3300,000. He further stated that careful consideration had been given as to the best means of utilizing this sum for the benefit of the company and as a result he believes it would be to the company's advantage to investigate the question as to which of the custaming securities of the company might be purchased to the best advantage, as a means of utilizing surpluc cash available in the company's treasury.

: ;

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Fressurer of this Company be and he is horstly sutherised to investigate and report at the mark Drecker between the second of the containing and the second of the contained and second of the contained to the best advantage as a means of thilling the surplue cash available in the Company's Tressure.

Mr. Charles Edison them stated that on July 17, 1925, the Roard of Directors appropriated \$225,000.00 to cover the new Bag House and Packing Station project, which was divided under the following general

headings- #1. Grading and Track Work.

#2. Erection of Bag House and Packing Stations.

This appropriation was made with the understanding that specific authorizations be made when the work was commenced thereon.

Or the above, #2- Erection of Rag House and Packing Statione was authorized at the same meeting, and a contract expenditure of 374,054.00.

Aleo, work had been started on \$1 and \$3, and he then presented and read Construction Order \$65, covering Cuts, Fills, Grading and Track Nork at a total expenditure of \$61,796.20 applying against \$1; and Construction Order \$66, covering Reg House Lachinary at a total expenditure of \$25,892.90 applying against \$3. Hr. Edison than requested the Board's approval to those construction orders, which would make the total expenditure suthorized against the Reg House and Packing Station project \$151,743.10.

On motion regularly made and ecconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this corporation does hereby approve the following Construction Orders, which apply against the appropriation of \$225,000.00 authorized by the Board on July 17, 1925, for the Bag House and Packing Station project:-

Construction Order #65 - covering Cost of Outs, Fills, Grading and Track Work at a total expenditure of \$62,796.20.

Construction Order #58 - covering Bag House Machinary and installation thorsof, at a total expenditure of \$25,892,90.

Copies of said construction orders(with Estimate Sheete attached) have been numbered and filed with the Secretary of the corporation as Authorization No. C-225.

At the request of Mr. Close, on notion regularly made and esconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directore of the Bilson Portland Genent Company does hareby approve and retiry the action of fir. C. S. Williams, Jr., Vice President in charge of Purchases, in executing the following orders for bituminous coal, copies of said orders having been numbers; and filed with the Secretary of this corporation.

Author.	Ordsr No.	Vendor	Cuan	ity		Price	Total
C-218 C-219 C-220 C-221	95232 95234	Pitteburgh & Erie Coal Co. Elkins Fuol Company Bertha Consumere Coal Co. R. Y. Brown Coal Co.	-1000 -1000 -1000 -2000	tone	Coal	\$1.30 1.35 1.30 1.30	1350.00 1300.00
C-222 C-223		H. H. Lineweaver Farrell Fuel Corporation	-1000 -2000	17	н	1.35	1350.00 2600.00

Total Expanditure: -

\$10500**.**0

A memorandum was presented from Er. R. H. Allan of our Tax Department, stating that, at the request of the Treasury Department of the United States, waivers had been axecuted covoring the audit of tax returns for the fiscal years ended February 28, 1918, 1919, February 29, 1920 and Feb. 28, 1921, and he requested the Scart's approval thereto.

On motion regularly made and seconded, the following resolu-

RESOLVED, that the Board of Directors of this comporation does hareby approve and ratify the action of the proper officer in executing income and Forfits Tax Entwer for the finel years ended February 28(or 29) 1918, 1919, 1920 and 1921, or the following form and tenor:

)

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY.

Held Monday, December 7, 1925, at 11:00 o'clock a.m., at the principal office of the corporation, Uest Orange, N. J.

Prosent:

Charles Edicon, President,
Thomas A. Edison,
Henry Landan,
Harry F. Miller,
John V. Miller,
Th. H. Meadoworott, Directors;
H. H. Zokert, Secretary

The meeting was called to order and presided over by Mr. Charles Edison, President.

The minutes of the moeting held December 3rd, 1925, were read and approved.

If. Harry F. Hiller, Tressurer, estack that pursuant to a resolution adopted by the Board of Directors at a meeting held Thursday, December S, 1925, he had investigated the question as to which or the outstanding securities of the company sight be purchased to the best advantage as a means of utilizing the surplus cash available in the company's treasury, and that as a result thorsef Mr. Thomas A. Blison had offered to sell to the company the entire right, title and interest in and to any amount up to \$600,000 par value of Edison Portland Commont Company Debenture Bonds for 500 of their par value.

Thereupon, on motion regularly made and seconded, the following resolutions were unanimously adopted:

> RESOLVED, that the Treasurer of this company be and he is hereby authorized to accept the Elison's offer to seal, a company the entire right, title and interest a man's are meanum up to 560,000.00 per value of Elison Fortland General Company Debenture Bonde for 50% of their per value, and

Be it further, RESOLVED, that upon the purchase of said Bonds, they be held in the company's treasury pending the further order of the Board of Directors.

There being no further business, the meeting adjourned.

Road and Approved:

T.A.E. The Oldison

H. L. Htmy Kanaha

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T.I.C._____

Secretary.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Monday, February 1, 1926, at 11:00 o'clock a.m., at the principal office of the corporation, Test Orange, N. J.

Present: Charles Edison, President;

Thomas A. Edison, Henry Lanahan, Harry F. Miller,

John V. Miller, Wm. H. Meadowcroft, Directors; H. H. Eckert, Secretary;

H. H. Eckert, Secretary; W. D. Cloos, Vice President and General Hanagor.

The meeting was called to order and presided over by Mr. Charles Edison. President.

The minutes of the meeting held December 7, 1925, were read and approved.

Mr. Cherles Edison recommended that Mr. R. H. Allam, now an Assistant Treasurer, be elected Second Vice President, in order to put him on a better footing in handling tax and other matters with outside interests.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that Mr. R. H. Allen be and he is hereby elected Second Yoo President of The Bisimon Portland Osmont Company (automatically vacating his office of saistant Treasurer); to hold office until the next regular annual meeting or until his successor shall have been elected.

Mr. Charles Edison stated that on Morch 21, 1924, the Scard of Directors adopted a resolution authorizing only Mr. Thomas A. Bilson and himself to sign bids and contracts with the U. S. Covorment; that such bids and contracts were being made quite frequently, the forms being received at the New York Sales Office, filled in and forwardel to Orange for signature

14

thereby losing a day or two in submitting same to the Government; and, therefore, it was desirable that Mr. Cloos also be authorized to sign

On motion regularly made and seconded, the following

resolutions were unanimously adopted;

such documents.

REMOUVED, that the meanlution scopeed by the Reard of Directors on March 21, 1924, which greated authority to Mr. Thomas Zilson, Chairman of the Seard of Directors, continued and Contracts, be and the same is hereby resoluted and revoked, and

RESULVED, that either of the following officers of Thought of Control Genet Longuary, namely Mr. Thomas A. Edison, Gairman of the Board of Directors, or Mr. Charles Elison, Testiment or Mr. W. D. Cloos, Yine President and Elison, Testiment or Mr. W. D. Cloos, Yine President and name of the Board of Directors, or Mr. Charles Elison, any shad all bids substitude to and contracts made with the Government of the United States of Associate, or may apartment, bureau or purchasing office thoroof, and any and all guaranties and bonds required in connection threwith, and be it Aurther

RESOLVED, that any such bids submitted, or contracts made by any other representatives of this corporation must, without exception, be specifically authorized or approved and retified by the Board of Directors.

Mr. Close submitted a list of memberships in various

organizations which he considered desimble for the corporation to carry during the year 1926, and requested the Board's approval thereto.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Fortland Comment Company does hereby authorize the following memberships for the year 1926:-

 Occanisation
 Representative
 Dass

 100 cm
 Relations
 275.00

 100 close to Siltage Country Club
 R.A. Wetzler
 250.00

 100 cm
 R.A. Wetzler
 100.00

 100 cm
 W.D. Closes
 100.00

merican Society for Testing Materials W.D. Cloos 15.00 G. C. Willampole 15.00 Roston Chamber of Commerce 25.00 A. C. Bruff Massachusetts Highway Association 5.00 Contractors Association of Philadelphia J.H. French 100.00 Eastern Concrete Products Association 25.00 New York Credit Men's Association J.C. LaBue 25.00 84 50 Newark Athletic Club E.P.Gaffnay Traffic Club of New York G.L. Ferris 27.50 National Safety Council P.E. Sandt 40.00 Merchants Association of New York 50.00 Company 500-00 G.L. Ferris Lehigh Valley Traffic Group association of Highway Officials of North Atlantic (Charles Edison 9.00 States (Company 50.00 50.00 American Concrete Institute Company 40.00 Building Trades Employers Association 50000.00(Estimated) Portland Cement Association

At the request of Mr. Cloos, on motion regularly made and

seconded, the following resolution was unanimously adopted:

MESOLYED, that Mr. C. S. Elliars, Jr., Theo President in charge of Purchases, he made is heavey minorized to execute on being heave made in heavey minorized to execute on being heaven to make the contract order, 26021s, dated Perbury, 2, 1828, with Benis with the service of the contract of the contrac

Cuantity and Material:

300,000 Cloth Cemont Bags, as

15

351779.00

specified.

Price and Point of Delivery: 3127.50 per H., f.o.b. Now York, freight allowed to New Village, N.J.

Total Expenditure:

Not to exceed \$39,000.00

There being no further business, the meeting adjourned.

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H. L. Hum Cauchou

.V.M. grmelie.

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON FORTLAND CEMENT COMPANY

Hold Friday, March 5, 1926, at 11,00 c'clock a.m., at the principal office of the corporation, West Crango, N. J.

Present:

Charles Edison, Henry Lanehan, Herry F. Miller, John V. Miller, Wh. H. Meadowordt, H. H. Eckert, W. D. Cloos, W. D. Cloos,

Directors; Secretary; Vice President and General Manager.

The meeting was called to order and presided over by Mr. Charles Edison, President.

the minutes of the meeting held gebruary 1, 1926, who was and approved.

Mr. Charles Edison stated that there had been a vacator in the Board of Directors since the death of Hr. Hillard P. Reid in Copber.

1925; and he then mentmated Mr. Theodore M. Edison as Director to had office until the next regular annual meeting or until his successor shall have peen elected and qualified. The nomination was seconded by Mr. Harry P. Hiller and by umanimous affirmative vote Mr. Theodore Mr. Edison was elected as princetor of the corporation.

At the request of Mr. Closs, on motion regularly made and seconded, the following resolutions were unminously adopted:

BERGHYED, that the Board of Mirestors or fine Dalson Portland Cannot Company does hereby approve and ratify the actual control of the Company of the Company of the Company of Purchase, in executing the following crookes and contrast, copies of same having been numbered and filled with the Samptary of this corporation:

Total Ex-Quantity Doi+ Author. Order and Material penditure No. \$ 4,600.00 C-230 97221 R. Y. Brown Coal Co. 4.000 tona Coal \$1.15 3,450.00 1.15 Farrell Fuel Corp. 3.000 " 0-231 97222 3.000 " 1.15 3,450.00 Bertha Consumors Co. 0-232 97223 1,500 1.725.00 1.15 W.H. Warner & Co. 0-233 97224 500 m 1.15 575.00 0-234 97225 MoKosfrey & Company C-235 97239 Farrell Fuel Corp. 35 cars 1.25 2,187,50 5 cars " 1.40 350.00 C-236 97240 Burtner Coal Company C-237 Contract-Manhattan Rubber Mrg. Co.-Belting for 1926 & prices listed. C-238 Contract-Quaker City Rubber Co.- Belting for 1926 & prices listed. C-239 Contract-Macan-Heller Company-Belting for 1926 @ prices listed C-240 Contract-The Bag Service Co.-Cleaning & Repairing Bags, extension of provious contract from Feb., 16, 1926 to Feb. 15. 1927. All in accordance with terms and conditions contained in asid orders and contracts.

RESOLVED, that, in addition to the membershipe authorized on February 1, 1926, the Board of Directors does hereby authorize a membership in the New Jersey Constructors' Association. Inc. at a cost of 3200.00 for the year 1926.

Ir. Close presented and read two New Construction Orders, which are to apply against the Eag House and Packing Station project authorized by the Board on July 17, 1925, as follows -

Ordor dated - Janusry 22, 1926 - Facking House Machinery - \$49,369.10
" " - Fobruary 8, 1926 - Fuller-Kinyon Conveying System to Packing Statione - \$51,348.10

This will make a total expenditure of \$272,460.30 authorized against the original estimate of \$225,000.00, or an increase of \$47,460.30.

Hr. Closs stated that, although the total of the specific authorizations against this project exceeded the original appropriation by the above amount (\$47,460.50), the actual cost would not exceed the original estimate of \$225,000.00 as there will be considerable reductions in the cost of some of the work - particularly in the Track Work, which will be approximately \$45,000.00 less than the authorized expenditure.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this corporation does hereby approve the following Construction Orders, applying against the Bag House and Packing Station appropriation authorized July 17, 1925;-

Order - Jan. 22, 1926 - Packing House Machinery(as specified)-\$49,369.10

- Feb. 8, 1926 - Fuller-Kinyon Conveying System to Packing Statione(as epecified) - -

Packing Statione(as epecified) - - - - <u>- 61,348.10</u> \$110,717.20 \$10,717.20 Previous specific authorizations against this project <u>- 161,743.10</u> \$272,460.30

It is understood, however, that there will be considerable reductions in the cost of some of the previous authorizations, and that the total actual expenditure against this project will not exceed the original appropriation of \$225,000.00.

Hr. Cloos stated that on April 28, 1926 the Seard of Directors approved a Construction Order, 665, providing for the purchase and installation of three Rotary Stone Dryers complete at an estimated total expenditure of \$44,155.00; that the actual cost of this project had greatly exceeded this estimate; and that, therefore, a revised estimate and construction Order had been propared which showed, a total expenditure of \$24,170.10, an increase of \$46,015.10. In explanation of this increased cost, Hr. Cloos then submitted and read a letter from C. B. Emplish, Plant Hamager, thich stated, among other things, that the excessive cost was due principally to a number of changes made in the construction and installation of the Dryers, elevators, etc. and the construction of a reinforced comprete building instead of stool as originally planned, but that these changes were expected to justify their cost in that no repairs thereon should be required for many years.

Mr. Cloos requested the Board's approval of this revised Conatruction Order.

On motion, regularly made and seconded, the following resolu-

RESOLVED, that that portion of the resolution adopted the Board on April 28, 1926, which authorized the purchase and installation of three Rotary Stome Dryard complete at a total expenditure of not exceeding 244, 155.00, be and the ease is hereby resoluted and revoked, and be it further

Lee Page 2

MEMOLYME, that the Beard of Directors of this corposation deas hereby approve the purchase and installation of three 5 ft. X63 Rotary Stone Dryers, complete with all gearing, times, iddors, elevators, building and foundations, at a total expenditure not to exceed \$52,170.10, in accordance with revised level towart with conferent in accordance with revised level towart with conferent conference of the complete of the complete and the client with the Secretary of this corporation as Authorimention No. 4-50.

Mr. Bokert read a memoranium from Mr. C. S. Williams, Jr., Yios President in charge of Purchases, requesting authority to amend the contract with The Bag Service Company (the extension of which was ratified at this meeting), by increasing the price for cleaning and repairing bags from \$3.25 to \$3.65 per thousand - this increase of 40¢ per thousand being to cover said company's expenses for additional employees to meet our new requirements on inspecting and sorting bags.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESCATED, that ir. G. S. Williams, Jr., Vice President in charge of Purchases, be and he is hereby authorized to meand the contract with fine Mg Service Company - as extended for one year from Pebruary 16, 1926 Authorization No. C-200) by increasing the price for cleaning and repairing bags from 500 C-200, 100 C-200,

There being no further business, the meating adjourned.

Badd and Amproved:

C. E. Change Twood

T. A. E. Short Advoor

T. H. E.

H. P. E. Weller

H. P. E. J. Steller

KH.M. Waf Me avoward

W.H.S._

H. Exect.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORPLAND CEMENT COMPANY

Held Thursday, May 20, 1926, at 11:30 o'clock a.m., at the principal office of the corporation, West Grange, N. J.

Present: ·

Henry Lanahan, Chairman pro tem; Thomas A. Edison,

- Theodore M. Edison, Harry F. Miller, John V. Miller,

Vin. H. Mesdoworoft, Directors;

constituting the necessary legal quorum in accordance with the By-laws.

H. H. Eckert, Secretary; Eugene H. Fhilips, Assistant Treasurer.

At the request of the Chairman of the Board, the meeting was

called to order and presided over by Mr. Henry Lanahan, who was elected Chairman pro tem.

Mr. Ethilips stated that the old account due from the Gube Commercial Company to The Mison Portland 'Genemic Company had been reduced to \$37,771.68; that under instructions of Mr. Charles Bison, President of this corporation, he had recently gone to Hevena and negotiated a settlement of this account with Messre. Issae L. Harris and Elward G. Harris, who are directly and personally interested in Harris Brothers Company, now Harris Trading Company, the guarantor of this account; that under this settlement thore was to be doducted from the amount now due to this corporation, the sum of \$22.771.88, thus reducing the debt of the Gube Commercial Company to \$15,000, which said lesse. L. Harris and Edward G. Harris had agreed to pay, Mr. lesse L. Harris to pay the sum of \$7,500. and Mr. Edward G. Harris to pay the sum of \$7,500.

and payments to be made in installments over a period of time as not forth in the agreement and to bear interest at the rate of six per cent (\$\frac{8}{2}\$); that for the purpose of this settlement an agreement had been entered into between lesses. L. Harris and Edward G. Harris, each acting in his own behalf, and Mr.

mailies acting on the behalf of this corporation, the said agreement being subject to restification by the Board of Directors of this corporation; that the original of the agreement is on file under the number Seven in Secondal Protocol for the year 1926 in the Notarial Office under the charge of Ortelio Popy y Garavia, Abogado y Notario, Empedrado 54, Havana, Onba.

Ir. Entitips submitted a cortifical copy of said agreement and also as English translation thereof, which were ordered to be filled with the Secretary. Mr. Fhilips stated that the original account had been quito large, that it had been reluced by substantial payments and that he was led to make this settlement because of the expense and difficulty of litigation in a foreign country. He stated that the agreement had been approved by Mr. Charles Elison, Fresident of the corporation and by other Directors whom he had consulted mnd he asked for the formal approval and restification by the Board.

On motion duly made and seconded, the following resolution was unanimously adopted:

HIRMS, a certain agreement was made in Havana. One on April 2, 1926 between issao. I Harris and Haunah G. Harris and Haunah G. Harris and Haunah G. Harris and Haunah G. Harris and Harris own right, and happen H. Hillips, an party of the second part, be beautif of the Bilson Fortland Genom Company, the original behalf of the Bilson Fortland Genom to Company, the original Company of the Marking Company of the Ma

THREAS, said agreement was made subject to ratification of the Board of Directors of said The Edison Portland Company,

NOW, WHERPARE, bo it resolved, that the Board of Directors of and the Balison Portland Gement Company does bareby ratify and approve and agreement in every respect, and does hereby ratify and one power faith H. Allen, Second Vice Fresident of and componer faith H. Allen, Second Vice Fresident of and componer that one power before any

Notary Public for the purpose of ratifying said agreement and excepting on behalf of this corporation in the Spanish language any and all such documents as may be nesessary for this purpose and in the manner and form which said Second Vice President in his judgment may doen best.

There being no further business, the meeting adjourned.

0.5. Sparket Track

2.1.2 Shora Paleston

2.1.18. Elector M. Clien

11. Hora, Kanatan

1.5.12. J. Wille

5.V.L. germine

28.11. M. Headowngly

AH Excert.

MINUTES OF THE ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY.

Held, pursuant to notice, Friday, May 21, 1826, at 1,30 o'clock p.m., at the principal office of the corporation, Mison Laboratory, corner Lakeside Ave. and Main St., Test Orange, K. J.

In the absence of the President, Mr. Charles Blison, the meeting was called to order and presided over by Mr. Honry Langham, who was elected Chairson pro tes.

On motion by Mr. H. F. Miller, seconded by Mr. J. Y. Miller, the reading of the roll of the stockholders was dispensed with, the Secretary being instructed to make note of the stockholders propent and the proxies presented, with the following result:-

	STOCKHOLDERS PRESENT IN PERSON			
		Nu	mber of Shar	108
Namo		Common	Preferred	Total
Edison, Thomas A. Edison, Theodore M. Lanahan, Henry		128354	21054	149408 1000 5
iller, H. F.		Ĭ	5 40	5 40
Meadowcroft, Wm. H. Ott, Frederick P.		5 15	15	· 30
s	TOOKHOLDERS REPRESENTED BY PROX	2		

Name of Proxy

allen, A. A.	H. F. Miller		20	20
Arbogast, Lois G. J.			10	10
Arbogast, Ralph			20	20
Aylaworth, Estate of J. W.			50	50
		2	1	3
Barber, Marie S.		192	121	313
Baird, David		20	10	30
Barnitz, Fred B.			200	400
Beacom, James S.		200		504
Bent, Cuincy		364	140	505
Bent, Stedman		364	141	
	,,	30		30
Brewster, Roberta		60	20	80
Brown, Henry P.		1.EO	50	200
Bruff, Albert C.		476	338	614
Buok, Estate of Daniel		25		25
Burch, Francis F.	"			

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ANIMA		Yumi	ber of Shar	·es
<u>Hame</u>		Common	Preferro	Total
Burrows, Charles G. H.	P. Eiller	75		75
Campbell, Winfield S.		60		60
Cloos, W. D.			22	22
Corponter, Estate of Mr. H.		300	100	400
Carroll, Wa. G.	ri e	1000	265	1265
Clark, Estate of Anna M.	11	1000	333	1333
Crane. Theron I.	19	10057	321	10378
Dickson, Estate of Samuel			100	100
Dillingor, Daniel L.	10	86	68	154
Dyer, Frank L.		60	50	110
Dyer, Hary Gordon		388	119	507
Elkin, Adda Prothere	**	400	500	900
Fable, Frederick A.	19	500	100	600
Felton, Rigar C.		300	100	400
Pox. Rachel B. K.		- 33	17	50
Punk, Marion Thompson	**	2412	1081	3493
Gamor, S. Carl		370	10	380
Gow, Holon H.		20	10	20
Gummey, Mary Magarge		100	50	150
Harper, Jessie Cornell	*1	125	25	150
Harper, Wa. Henry		160		
Hird, A. E.			2	2
Howell, Maude H.			5 20	5
Huff. W. A.		86	68	20
Hosg, Anna S J. Honry Scatters	nod II	147		154
Trustee		147	129	276
Katzenbach, Natalie McMeal	' "		-	
LaDow, Mary E.	, .	662	227	889
Masters, George		100		. 100
Mastere, Jessie W.		130	65	195
Masters, Estate of William		130	65	195
Matthieu, Estate of John P.		100	100	200
McCarthy, Estate of Palix		103	164	267
McFarland, Mary A.			- 10	10
Miller, E. Clarence	ü	920	280	1200
Miller, Walter H.		3951	579	4530
Forso, Alice J.	- i		20	20
loss, Henry N.		. 6	10	16
O'Neill, Th. C.		100		100
Ott, John P.	,	900	450	1350
Page, Robert Holmes		50	10	60
Page, Unceler H.			202	202
Pilling, W. S.		. 2	1	3
Philadelphia Trust Co., Trustee,	-	3576	320	3896
	n			
Ross, E. Jackson, Jr.		221	96	320
beattergood, Alfred A.		67 .	42	109
Scattergood, J. Manny	,	147	130	277
Scattercood, Horacustia v		147	130	277
		147	130	277
		588	<i>5</i> 1/9	1107
		350		350
Souds, Jacob J		200	. 100	300
Serrill. We. 7		300	100	400
Shelmerding up "	**	200	100	300
olsier. Robecce w	n	19793	5241	25034
Staniforth, Annie M.		125		225 .
annie E.	"		1,00	
B .		20		20

				9
		Mum	or of Share	رے s
Name	Name of Proxy	Common	Proferred	Total
Sweeney, F. A.	H. F. Eiller		10	10
Taylor . Florence N.	"	42	41	83
Thompson, Helen	"	2054	808	2862
Thompson, J. Linton		5024	2262	7286
Villard, Oswald G.		100		100
Warren, Arthur F.		5	5	10
Warren, Wm. Appleton		80	30	110
White, Harry		404	325	729
Wilson, James C.		316	250	566
Wolbert, Charles E.	i in	12	6	18
Woodward, Margaret	1.3	20		20
Total - represented	by proxy	60497	17534	78031
GRAND TOTAL-	•	189876	38648	228524

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The Socretary presented and read a copy of the motics of the meeting, together with the proof of the due mailing thereof to each stock-holder of the corporation at least ten days prior to the meeting, as required by the By-laws.

The Chairman pro tem stated that the Prosident, Mr. Charles Bilson, had desired to be present in person at this mosting to make the usual numual report, but owing to his absence from Nest Grange, it has impossible for him to do so, and for that reason it seemed to be desirable to adjourn he mosting until some time in June.

On motion by Hr. John V. Hiller, seconded by Mr. H. F. Hiller, and by unanimous affirmative wote by all those present in person and represented by proxy, the meeting was adjourned to Thursday, Juno 10, 1925, at 11:30 o'clock

The secretary was then instructed to insert in the minute book

28 for the purpose of reference, the following papers: Billing Continued by a second 1. Copy of notice of the meeting and proof of the service the STATE OF NEW JERSEY) 2. Form of proxy. COUNTY OF ESSEX H. H. ECKERT, being duly sworn, deposes and says that he is the Secretary of THE EDISON PORTLAND CEMENT COMPANY, a corporation of the State of New Jersey; and that on the first day of May, 1925, he caused a notice of the annual Meeting of the Stockholders of said corporation, a copy of which is annexed hereto, to be mailed in a scaled envelope, postage prepaid, addressed to each of the stockholders of record of said corporation at his or her address as the same appeared upon the records of the corporation. THE EMPIREMENT COMEN COMPANY. a consider stray of the contribution of Mills one South state of a Subscribed and sworn to before me this 2 1 day of May, 1926 and off of the Land ton Mar of the land. Notary Public for State of New Jersey
My Cominisation expires July 8, 1929 of a feet of the process of the proc If you are a separate to be as out at the medical files of the same time and the specific of the constant proof of the first of any or angent Your very time. S. S. CEPRE.

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Edison Portland Cinent Co.

ORANGE, N.J.U.S.A.

May 1, 19

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

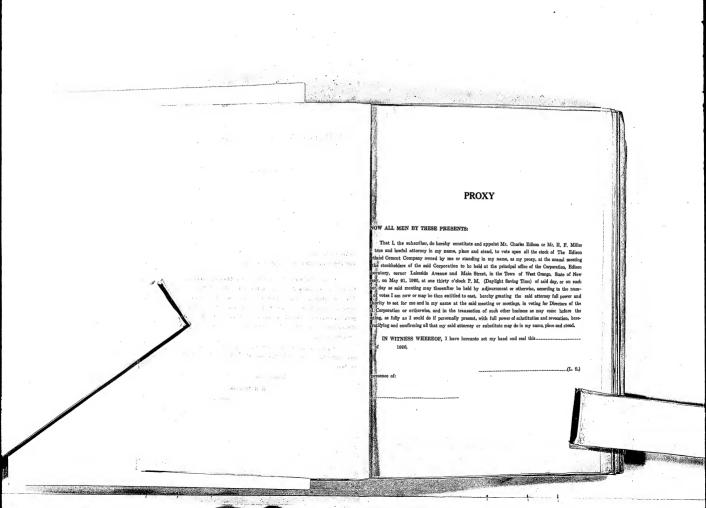
The annual meeting of the Stockholders of The Edison Fortland Cement Company will be held on Friday, May 21, 1889, at 130 obtock P. M., (Daywigh Saving Time) at the principal office of the Corporation, Editon Laborator, corner of Lakendo Avenue and Main Street, West Orange, Now Jersey, for the purpose of electing a Beard of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Yours very truly,

H. H. ECKERT.

Secretary.



MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Tuesday, June 8, 1925, at 10:30 c'clook a.m., at the principal office of the corporation, West Orange, N. J.

Present:

Charles Edison,
Thomas A. Edison,
Henry Lampham,
Herry F. Miller,
John V. Miller,
Wa. H. Mesdownort,
Theodore N. Edison, Directors;
H. H. Eckert,
W. D. Closs,
V. D. Closs,
V.

H. Eckert, Ssoretary;
D. Cloos, Yios President and
Gensral Manager.

The meeting was called to order and presided over by Mr. Charles Edison, President.

The minutes of the meetings held March 5th and May 20th, 1925, were read and approved.

Mr. Cloos stated that since starting the Bag House and Packing Station project it had been necessary, in some instances, to deviate from the original plane and specificatione, and that these changes will result in additional cost on this job.

One of the messessry changes from the original plan was a change from the Fullor-Kinyon Comreying System to a Belt Conveying System. The reason for this change is that the power requirements for the Fullor-Kinyon system were so great that this method had to be abandoned, and the belt conveying eyetem substituted.

The Board of birectore appropriated \$61,548.10 for the inetallation of the Fuller-Kinyon System, and our engineers have ostinated that the belt conveying system will ocet \$110,000.00 at the maximum. Our engineers have also figured, however, that there will be a enfficient eaving in power in one year to offset the difference in cost between the two installations.

In view of the foregoing, Mr. Cloos requested that a maximum appropriation of \$110,000.00 be authorized for this work.

Thie authorization will bring the total appropriation for thie project to \$321,112.20.

On motion regularly made and seconded, the following resolutions were unanimously adopted:

> RESOLVED, that that portion of the resolution adopted by the Board on March 15, 1926(#C-242) relating to the authorization of the purchase and installation of a Puller-Kinyon Conveying System to Packing Stations at a cost of \$61,348.10, be and hereby is rescinded and revoked, and be it further

RESOLVED, that the Board of Directors of this corporation does hereby approve the purchase and installation of a belt conveying system, in connection with the Bag House and Packing Station Project, in accordance with Construction Order \$78, dated April 14, 1926, at a total expenditure of not to exceed 3110.000.00 - which will bring the total appropriation for this project to \$321,112.20.

At the request of Mr. Cloos, on motion regularly made and seconded, the following resolutions were unanimously adopted.

> RESOLVED, that the Board of Directors of The Edison Portland Coment Company does hereby approve and ratify the action of Mr. C. S. Williams, Jr., Vice Precident in charge of Purchases, in executing the following orders, copies of which have been numbered and filed with the Secretary of this corporation: -

Author.					У		mit		tal Ex-
No.	No.	Vendor	& Ma	tori	81		Price	pe	enditure
0-244	97710	Whitney & Kemmerer	1000	tons	Coal	a 4	1:15	ŝ	1150.00
	97711	Farrell Fuel Corporation	5000	19			1.10		5500.00
11	97712	R. Y. Brown Coal Company	2000			**	1.15		2300.00
	97713	Blue Ribbon Cosl Co.	1000				1.15		1160.00
	97722	H.H. Lineaweaver.	1000				1.05		1050.00
0-247	98341	Quaker City Rubber Co.	1000						3450.00
	98342	Manhattan Rubber Mfg. Co.	1688		11	•	3.555		6000.84
	98344	Goodyear Tire & Rub. Co.	420						1885.46
	98345	" " " "	435						2396.10
	98346		456				11800	и,	2217.72
**	98347	Quaker City Rubber Co.	745				3.13		2331.85
0-249	98541	R.Y. Brown Coal Co.	7700			. !			
	98549	Sitnek Puel Company	3000	tons			1,10		3300.00
	98543	Farrell Fuel Corporation	2000		"		1:10		2200.00
	98544	Pittsburgh & Erie Coal C	2000				1.10		3300.00
	98545	Protom Conl c aris Conl C	0.1000				1.10		1100.00
C-251	98677	Eastern Coal & Coke Co.	1000	i.	*	"	1.10		1100.00
10	98679	Jaite Company 200	000' Pa	per	Bags	. 4	MOO*81		9600.00
All in	Bocord	Bates Valve Bag Co. 160	000		**	. 4	8.50M	~	7760.00

RESOLVED, that the Board of Directors of The Edison Portland Cement Company, does hereby approve and ratify the action of Mr. C. S. Williams, Jr., Vice President in charge of Purchases, in executing a certain order, #98269, dated May 11, 1926, with Bates Valve Rag Company, Nazareth, Pa., a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. C-246. and providing for the purchase of:

Quantity and Material:

240,000 Hultiwall Paper Bags.

(2 carloads) Price and Point of Delivery: \$48.50 per M., f.o.b. Mazareth, Pa.

Total Expenditure:

Not to exceed \$11,640.00

RESOLVED, that Mr. C. S. Williams, Jr., Vice President in charge of Purchases, be and he is hereby authorized to execute on behalf of The Edison Portland Cement Company, a certain order, \$98648, dated June 4, 1926, with Fulton Reg & Cotton Mille, 330 Wythe Ave., Brooklyn, N. Y., a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. C-250, and providing for the purchase of:

Quantity and Material:

300,000 Cloth Cement Bage, as specified.

Price and Point of Delivery: \$107.25 per M., f.c.b. Seller's Plant, freight, allowed to New

Village, N. J.

Total Expenditure:

Not to exceed \$32,175.00

Mr. Cloos requested that the Board of Directors approve the purchase and instell four complete sets of Grid Partition Sections (or Sectional Grid Division Heads with Linere), for Finishing Mills #6, 7, 8 and 9 - as shown on Purchase Order \$98093 (\$10,700,00), plus an estimated cost for freight, habor, etc. \$2,786.00; making a total expenditure of not to exceed \$13,486.00.

In presenting this order Mr. Cloos read a report compiled by Mr. C. B. English wherein the advantages of installing these Partitions were gone into in detail.

On motion regularly made and seconded, the following resolution was unanimously adopted:

> RESOLVED, that the Board of Directors of The Edison Portland Company does hereby approve and ratify the

notion of Mr. G. S. Milliams, Jr., Vice President in charge of Purchases, in executing certain order, \$60036, data April 27, 1926, with Allie Chalmers Hamufecturing Coi, '80 'o Church' St., New York City, a copy of which has been number and filed with the Secretary of this corporation as Authoriration No. C-456, and providing for. the purchase of:

4 Cast Steel Sectional Grid Division Heads complete © \$2600. - \$10,400.00
4 rows Linere for use with above division heads © 75. - 300.00

\$10,700.0

It is understood that freight, labor of installation; etc. will not exceed \$2,786.00, making the total maximum expenditure \$15,466.00.

There being no further business, the meeting adjourned.

C.B. Character

H.L. Hour Canaha

W.H. D. Wyfleavweioff

T.1.0.____

Secretary.

MINUTES OF THE ADJOURNED ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY

The mnual meeting of the stockholders adjourned from Friday, May 21, 1926, was continued at the principal office of the corporation, Edison Laboratory, corner Lakeside Ave. and Main St., West Orange, N. J., at 11:30 of 10:100 ft.m. on Thursday, June 10, 1926.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

On motion by Mr. Wh. H. Meadoworeft, seconded by Mr. H. F. Miller, the calling of the roll of the stockholders was dispensed with, and the Secretary, Mr. H. H. Eckert, was instructed to make note of the stockholders present and the proxice presented, with the following result:

STOCKHOLDERS PRES	ENT IN PERSON		
	Nun	ber of Shar	00
Name	Gommon	Preferred	Total
Blison, Charles	1000	1000	2000
dison, Theodore M.	1000		1000
anahan, Henry	5		5
sadowcroft. Wn. H.	5		5
Miller. Harry F.		5	5
filler, John V.		40	40
ott. Frederick P.	15	15	30
Ott. Ludwig F.		5	5
Mrs. Walter B. Jordan, representing :	LO shares Common		
In the same of Halton Tondon Assessed	of man namenant		

STOCKHOLDERS REPRESENTED BY PROXY

but had no voting power) .

Name of Proxy

1.	ALLES OF TICKE			
Allen. A. A.	H. F. Miller		20	20
Arbogast, Lois G. J.			10	10
Arbogast, Ralph			20	20
Aylsworth, Estate of J. W.			50	50
Barber, Marie S.		2	1	2
Baird, David		192	121	313
Barnitz, Fred B.		20	10	30
Besoom, James S.		200	200	400
Bent. Quinov		364	140	504
Bent, Stedman		364	141	508

		Nun	ber of Shar	108
Name	Name of Proxy	Common	Preferred	Total
Brewster, Roberta	H. P. Miller	30		30
Brown, Henry P.		60	20	80
Bruff, Albert C.		150	50	200
Buok, Estate of Daniel		476	338	814
Burch, Francis F.	* .	25		25
Burrows. Charles G.		75		75
Campbell, Winfield S.	11	60		60
Cloos, W. D.			. 22	22
Carpenter, Estate of Um. H.		300	100	400
Carroll, Wm. G.		1000	265	1268
Clark, Estate of Anna M.		1000	333	1333
Orane, Theron 1.		10057	321	10378
Diokson, Estate of Samuel	"		100	100
Dillinger, Daniel L.	19	86	68	154
Dyer, Frank L.		60	50	110
Dyer, Mary Gordon	19	388	119	507
Edison, Thomas A.		128354	21054	149408
Elkin, Adda Prothero	**	400	500	900
Fable, Frederick A.		500	100	600
Felton, Edgar C.	"	300	100	400
Fox, Rachel B. K.		33	17	50
Funk, Marion Thompson		2412	1081	3493
Garner, S. Carl	."	370	10	380
Gow, Helen H.		20		20
Gunney, Mary Magarge	**	100	50	150
Harper, Jeesie Cornell		125	25	150
Harper, Wm. Henry			2	2
Hird, A. M.	,		5	E
Howell, Maude H.			20	-20
Huff, W. A.		86	68	154
Hoag, Anna SJ.Henry Scattergo		147	129	276
Katzenbach, Natalie MoNeal	19	662	227	889
LaDow, Mary E.		100		100
Masters, George		130	65	195
Masters, Jeseie W.		130	65	195
Masters, Estate of William		100	100	200
Matthieu, Estate of John P.		103	164	267
McCarthy, Estate of Felix			. 10	10
MoFarland, Mary A.	n	920	280	1200
Miller, E. Clarence		3951	579	4530
Miller, Walter H.		-11.5-	20	20
Moree, Alice J.		6	10	16
Moss, Henry N.		100		100
O'Neill, Wn. C.		900	450	1350
Ott, John P.		50	10	60
Page, Robert Holmes			202	202
Page, Wheeler H.		2	1	3
Pilling, W. S.		3576	320	3896
Philadelphia Trust Co., Trustee		5510	. 020	. 5050
U/W Constance M. Gummey,	10	224	96	320
Roes, E. Jackson, Jr.		67	42	109
Soattergood, Alfred G.		147	130	277
Soattergood, J. Henry	10	147	130	277
boardergood, Amrgaret)J. Henry	508t- ** ·	147	130	277
Scattergood, Margaret) J. Henry Soattergood, Maria C.) tergood, Schively, Yale R. & Donald. Tr.	ioat- " .	147 588	130 519	. 277 1107

				1
100		Nu	mber of Sha	ras .
Kame	Hame of Proxy	Common	Preferred	Total
Sohmidt, P. W.	H. F. Miller	200	100	300
Seeds, Jacob J.		300	100	400
Serrill, Wm. J.		200	100	300
Shelmerdine, Wm. H.		19793	5241	25034
Sieler, Rebecca H.		125	100	225
Staniforth, Amnie M.		20		20
Sweeney, F. A.			10	10
Taylor, Florence N.		42	41	88
Thompson, Helen		2054	808	2862
Thompson, J. Linton		5024	2262	7286
Villard, Oswald G.		100		100
Warren, Arthur F.				10
Unrren, Wm. Appleton	"	80	30	110
White, Harry		404	325	729
Wilson, James C.	0,	316	250	566
Wolbert. Charles E.		12	- 6	18
Woodward, Margaret		20		20
	Total Shares-	190876	39653	230529

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The minutes of the meeting of the etockholders held Eay 21,

1926, of which this meeting is a continuation, were read and approved.

The transfer book and stook books of the corporation, tagether with a full, true and complete list, in alphabetical order, of the stockholders entitled to vote at the ensuing election, with the address of seach and the number of shares held by each, were produced and remained during the election power to inspection.

On motion by Mr. Henry Lamban, seconded by Mr. Ludwig P. Ott, and by unanimous affirmative vote, the reading of the minutes of the previous annual meeting of the stockholders was dispensed with

Mesers. I. W. Walker and Fraderick P. Ott (meither of them being a candidate for the office of Director) were appointed Inspectors of Election and duly sworn.

No other nominations having been made, a motion was made and seconded that the nominations be closed. The poll was declared open by the President at 11:65 c'elock a.m., and the stockholders prepared their hallots and adiversed them to the Impostore.

On motion by Mr. John v. Miller, seconded by Mr. Frederick P. Ott, and by unanimous affirmative vote, the reading of the minutes of the Directors' meetings held since the meeting of the etockholders on May 28, 1928, we dispensed with - the minute book being left open for immeetion by anyone destring to do so.

On motion by Mr. Henry Lanahan, seconded by Mr. Wm. H. Meadoworoft, the following resolution was unanimously adopted:

RESOLVED, that the acts of the Directore and Officere on behalf of this corporation as set forth in the minutes of the Directors' meetings held eince the annual meeting of the Stockholders on May 28, 1925, be and the same are hereby approved, ratified and confirmed.

During the balamos of the hour that the poll was required to be kept open. Mr. Charles Bilson reported on the results obtained from operations during the year 1926, which showed that the production of finished easant in 1926 was 2,166,472 barrels as compared with the previous year's production of 2,144,000 barrels, and that the cost of easant had been decreased \$.084 per barrel. The shipments of finished easant for 1926 was 2,102,1956 barrels as compared with 2,184,345 barrels for the previous year, and the price at which easant was sold increased \$.007 per barrel over 1924.

He further reported that the earnings before deducting Income Tax Receive were \$359,030.95 against \$259,280.99 for the previous year. However, it became mecessary during 1825 to set up a reserve of \$62,660.00 to provide for possible assessments on account of Income Tax, and deducting this amount from the net carmings leaves a net book profit of \$276,370.95.

Mr. Edison further etated that up to May 31, 1926, our business was approximately on a par with that for 1926 and all indications pointed to as good a business in 1926 as was enjoyed in 1925. He added that the plen for making such improvements as our earnings would permit was still in affect, and pointed out that if we were to place our plant in a position to successfully meet present day competition, it would be necessary for us to continus the plan as cutlined at the Annual Meeting held May 28, 1925.

The poll having remained open at least one hour, was closed and the Imspectors presented their report in writing showing that the following goutlemen received the number of votes set opposite their respective manus:

Name	Number of Vots
Theron I. Crane	230529
Charles Edison	230529
Thomas A. Edison	230529
Theodore M. Edison	230529
Henry Lanahan	230529
Harry F. Miller	230529
John V. Miller	230529
Wm. H. Meadoworoft	230529
The U Chalmouding	320530

The Fresident thereupon declared the above massed gentlesen duly elected Directors of the corporation, to hold office until the maxt annual meeting, or until their successors shall have been elected and untilified.

The Socretary was then instructed to insert in the minute

38 book, for the purpose of reference, the following papers: COUNTY OF ESSEX 1. Copy of notice of the meeting called for May 21, 192 being severally soons, upon their respective oaths, do proutes and wear the files will finishrilly, homestly and inspirally perform the duties of inspectors of zacotion as the selection to be hald this day for Directors of HE EDISCS PROFILED OF MERITY COMPANY, and make a true report of the same. 2. Form of proxy. 3. Inspectors' Oath and Report. There being no further business, on motion regular and seconded, the meeting adjourned. Subscribed and sworn to before me this 100 day of June, 1926. Notary Public for State of New Jursey My Commission expires July 8, 1929 by Commission on the Conference of Election, report that, having taken the the undersigned, inspectors of Election, report that, having taken that inspectally to conduct the glaction of Directors of the above-maned corporation, we did receive 250/517 totes of the stockholdars by ballot, and that; the following pursons received the number of votes set opposite their names, to wit: For Directors 230,529 230,529

for the second of estermon, the roll (Yablet Min to Hears COUNTY OF ESSEX being severally sworm, upon their respective oaths, do premise and srear that moy will isithfully, honestly, and impostedly perform the duties of impostors of state of the election to be brief they be not of spectan, at the election to be brief they be introduced or the Discourse PORTLAND OFWENT COMPANY, and make a true report of the name. ter .. Terdior barrados - a recigio Subscribed and sworn to borors ints 1026. Sciency Public for State of New Jersey McCommission expires July R, 1929 the first that, having taken out to the construction of the constr names, to wit: 230529 911)asiar wich O. Wet.

Edison Portland Genera G.



ORANGE, N.J.U.S.A.

May 1, 1926

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

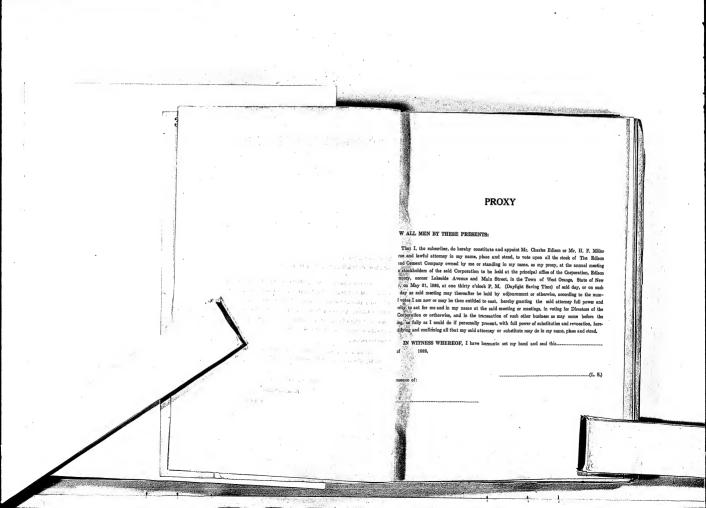
The annual meeting of the Stockholders of The Edison Portland Cement Company will be held on Friday, May 21, 1986, at 139 o'slock P. M., (Day-Blyth Saving Time) at the principal effice of the Corporation, Edison Laboratory, comes of Lakadió Avenase and Main Street, West Conage, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come close the needing.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Yours very truly,

H. H. ECKERT,

Secreta



MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held, pursuant to notice, Friday, July 9, 1926, at 11:80 o'clock a.m., at the principal office of the corporation, West Crange, N. J.

Present: C

Charles Edison, Thomas A. Edison, Theodore M. Edison, Henry Lanahan, Harry F. Miller, John V. Miller, Wa. H. Meadoworoft,

Wm. H. Meadowcroft, Directors; H. H. Eckert, Secretary; W. D. Cloos, Vice President and Genoral Manager.

The meeting was called to order and presided over by the Fresident, Mr. Charles Edison.

The President stated that one of the objects of the meeting was to elect officers of the corporation to hold office until the mext annual meeting or until their successors are elected.

The Secretary then read the list of officers provided for by

Chairman of the Board of Directors

President Such Vice Presidents as may be determined upon by the Board of Directors

General Manager Treasurer Secretary

General Counsel Such Assistant Pressurers as may from time to time be determined upon by the Board of Directors

Such Assistant Secretariss as may from time to time be determined upon by the Search of Directors and such other officers as may from time to time be determined upon by the Search of Directors.

On motion by Mr. H. F. Miller, seconded by Mr. Meadowcroft,

and by unanimous affirmative vote, the following gentlemen were elected to

fill, the offices set opposite their respective names:

A CONTRACTOR OF THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

F. C. Erwin

.. Chairman of the Board of Directors Thomas A. Edison - President Charles Edison Vice President and General Manager W. D. Clocs Second Vice President Ralph H. Allen Vice President and Manager New England District Albert C. Bruff Vice President and Manager New York District Raymond A. Wetzler Vice President in charge of Purchases C. S. Williams, Jr., Harry F. Miller Tressurer - Secretary H. H. Eckert General Counsel Henry Lanahan - Assistant Treasurer E. H. Philips Assistant Treasurer and Credit Manager J. O. LaRue - Assistant Secretary J. P. Doig

- Assistant Secretary Mr. J. Hensell French was re-appointed Manager of the Philadelphia District.

Mr. Charles Edison requested the Board's approval to the purchase, from Mr. Irving Parks, of 124 acres, more or less, of farm land adjoining the company's property in Franklin Township at the purchase price of \$12,000.00, in accordance with agreement dated May 29, 1926, a copy of which was then submitted and read.

On motion regularly made and seconded, the following resolution was unanimously adopted:

> RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve of the purchase. from Irving Parks, of 124 sores, more or less, of farm land adjoining the corporation's property in Franklin Township at a purchase price of \$12,000.00, in accordance with the terms and conditions contained in a certain agreement, dated May 29, 1926, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. C-254.

Mr. Charles Edison requested the Board's approval to a plan, prepared by Mr. E. D. Martin, for prospecting and exploring the land cwmed by the corporation at New Village, N.J., said plan then being aubmitted and resd.

The purpose of this work is to ascure a new source of raw materials (both Cement Rock and Limeatone), and, if successful, we will have lower coats and increased efficiency in our quarrying operations. It is planned to carry on this exploring for two years, at an estimated cost of \$52,005.00.

On motion regularly made and seconded, the following resolution was unanimously adopted:

> RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve the plan submitted at this meeting for prospecting and exploring this corporation's land at New Village, N.J. during the next two years, in order to secure a new source of raw materials (both Cement Rock and Limestone), at an estimated cost of \$52.005.00.

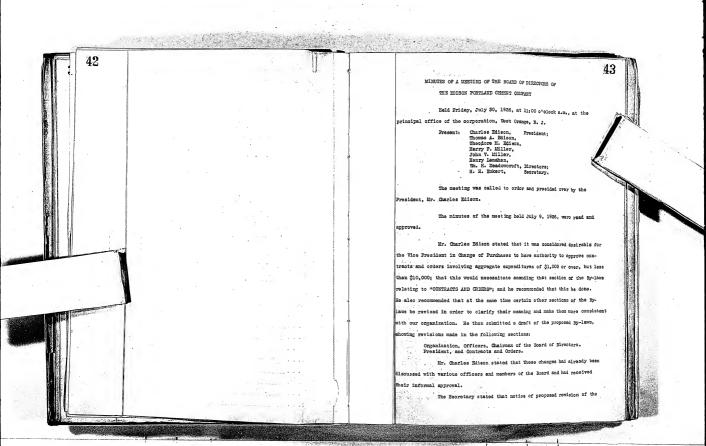
At the request of Mr. Clocs, on motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve and ratify the action of Mr. C. S. Williams, Jr., Vice President in charge of Purchasea, in executing the following orders, copies of which have been numbered and filed with the Secretary of this corporation as Authorization No. 0-253:-

Unit Total Ex-Quantity penliture & Material 1000 tons coal 6 \$1.00 -The M. A. Hanna Company 500 " " 1.00 500.00 Vetterlein Fuel Company . . 1.00 1,000.00 99043 Whitney & Kommerer 1000 " " 1.00 1,000,00 44000 Winslow Coal Company 1000 3,500.00 # 1.00 99045 R. Y. Brown Coal Company 3500 3,000.00 99045 Farrell Fuel Corporation 3000 " 1.00 All in accordance with the terms and conditions contained in

There being no further business, the meeting adjourned.

said orders.



On motion regularly made and seconded, the following

resolution was unanimously adopted:

prontugn, that the By-laws of this corporation be and

they are hereby amonded to read as follows:

BY-LAWS

0.7

THE EDISON PORTLAND CERENT COMPANY

MEETINGS OF STOCKHOLDERS

A majority of the stock issued and outstanding represented by the holders thereof, either in person or by proxy, shall be a quorum at all meetings of the stockholders.

All meetings of the stockholders shall be held at the Edison Laboratory, corner of Lakeside Avenue and Main Street. West Orange. County of Essex, the registered office of the company in New Jersey.

The annual meeting of the stockholders shall be held on the third Friday in May of each year at 1:30 c'olook p.m., when they shall elect by a plurality vote, by ballot, the Board of Directors, as constituted by these By-laws, each stockholder being emitted to one vote, in person or by proxy, for each share of stock registered in his or her name, on the 20th day preceding the election, exclusive of the day of such election.

NOTICE OF ANNUAL MEETING:

Notice of the annual meeting shall be mailed to each stockholder at his or her address as the same appears upon the recorde of the company at least five days prior to the meeting.

ADJOURNMENT OF ANNUAL MESSING:

At such annual meeting, if the holders of the majority of the stock shall not be present or represented, the stockholders present shall have the power to adjourn to a day certain and notice of the meeting on the adjournmont day shall be given by depositing the same in the Post Office, addressed to each stockholder, at least three days before such adjourned meeting, exclusive of the day of mailing, but if the holders of a majority of the etook be present in person or by proxy, they shall have power, from time to time, to adjourn the annual meeting to any outsequent day or days and no notice of the adjourned meeting need be given.

Special meetings of the stockholders shall, at the request of the Chairman of the Board of Directors or the President, or two or more Directore,

or of a majority of the stockholders, be called by the Secretary, by mailing or of a majority of the ecocamotate, we called by the Secretary, by malling a notice stating the object of such meeting, at least two days prior to the day of meeting, to each stockholder of record at his address as the same appears on the records of the company. If all the stockholders shall waive notice of a special meeting, no notice of such meeting shall be required. whenever all the stockholders shall meet in person or by proxy, such meeting shall be valid for all purposes without call or notice, and at such meeting any corporate action may be taken. If for any reason the stockholders should not in any year hold their regular annual meeting or an adjourned annual meeting, or should fail to elect a Board of Directors at the regular annual meeting or at an adjourned annual meeting, a Board of Directors may be elected at any special meeting of the stockholders thereafter, provided a notice that such election will be held is contained in the notice calling such spacial meeting

ORGANIZATION:

The Chairman of the Board of Directors shall have the right to preside at all meetings of the stockholders, but if he be absent or prefer not to preside, then the President shall preside and act as Chairman of the meeting. In case the Chairman of the Board and the President shall both be absent or not desire to preside, the stockholders by vote of the majority of the stock represented at the meeting may designate any member of the Board of Directors to preside at the meeting, or if all of the Directors be absent, then the stockholders may designate by such vote any stockholder to preside. The Secretary of the company shall act as secretary of all meetings of the stockholders, but in the absence of the Secretary at any meeting of the stockholdsrs, the presiding officer may appoint any person to act as secretary of the meeting.

BOARD OF DIRECTORS

POWERS:

The business and the property of the company shall be managed and controlled by the Board of Directore, who may, subject to the provisions of the statute, of the charter, and of the By-laws, exercise all such powers and do all such things as may be exercised or done by the company.

NUMBER AND TERM OF OFFICE:

The number of Directors shall be nine. Every Director shall be a holder of at least one share of the capital stock of the company. Each Director, unless his office shall have otherwise become vacant, shall serve from the date of his election and qualification until the next annual meeting of the stockholders or until his successor has been elected and qualified.

A majority of the Board of Directors shall be a quorum for the trans-

Meetings of the Board of Directors may be called by the Secretary at the request of the Chairman of the Board of Directors or the President, or of two or more Directors, on one day's written notice to each Director, or on personal notice to each Director at or any time prior to the meetings. Notice of any meeting of the Board of Directors may be waived by any Director. Thenever all the members of the Board of Directors shall be present at any meeting thereof, such meeting and any action taken thereat; shall be valid for all purposee and no call or notice of such meeting need be given.

PLACE OF MEETING:

The Directors may hold their meetings, have an office and keep the

books of the company (except those required by law to be kept within the State of New Jersey) outside of the State of New Jersey, as the Directors may from time to time determine.

The officers of the company shall be a Chairman of the Board of Directors, a President, such Vice Presidents, including a Vice President in Charge of Purchases, as may be determined upon by the Board of Directors, a General Manager, a Treasurer, a Secretary, a General Counsel, such Assistant Treasurers as may from time to time be determined upon by the Board of Directors, such Assistant Secretaries as may from time to time be determined upon by the Board of Directors, and such other officers as may from time to time be determined upon by the Board of Directors, all of whom shall ordinarily be olocted by the Board of Directors at their first annual meeting after the election of Directors.

Each officer of the company, unless his office shall have otherwise become vacant, shall serve from the date of his election until his successor shall have been elected. Any officer or agent of the company shall be subject to removal at any time by the affirmative vote of a majority of the Board

CHAIRMAN OF THE BOARD OF DIRECTORS:

The Chairman of the Board of Directors shall be chosen from among the piroctors of the company and shall have the right to preside at all meetings of the Board, but if he be absent or prefer not to preside, then the President shall preside and act as Chairman of the moeting. In case the Chairman of the Board and the President shall both be absent or not desire to preside, the Directors may choose a Chairman pro tom from among their number, but the Dirooter so chosen to set as Chairman <u>pro tem</u> shall not have any of the powers or duties of the permanent Chairman of the Board or the President, except the authority and duty to preside at the particular Board meeting for which he is chosen Chairman pro tem. The Chairman of the Board of Directors shall have such powers and duties in connection with the signing and countersigning of checks, notes, drafts and acceptances as are defined in Articles "CHECKS" and "NOTES" of these By-laws, and, subject to the By-laws, see particularly Article "COMPRACTS AND ORDERS", may sign bonds, contracts and other obligation of the company in the name or the company. He shall also have supervision over such othermatters as may be from time to time delegated to him by the Board of Directors.

The President shall be the chief executive of the company. Subject to the Board of Directors, he shall have general charge of the business of the company and shall have full charge of the company's finances. He may pre side at any meeting of the stockholders or Directors, in case of the absence of the Chairman of the Board, or in ease the Chairman of the Board, although prosent, should prefer not to proside. He shall have such powers and duties in connection with the signing and countersigning of checks, notes, drafts shd acosptances as are defined in Articles "CHECKS" and "NOTES" of these by-laws and subject to the By-laws, see particularly Article "CONTRACTS AND ORDERS", may sign bonds, contracts and other obligations of the company in the name of the company. With the Treasurer or Assistant Treasurer, he may sign certificates of stock of the company. He shall do and perform such other duties as may be from time to time assigned to him by the Board of Directors.

Each Vice President shall have such powers and authority as the By-laws may provide or as may from time to time be delegated to him by the Board of Directors. Home of the Vice Precidents need be a director or stock-

The General Manager shall do and perform such duties in connection with the management of the company's business as may from time to time be assigned to him by the Board of Directors, or the Chairman of the Board of Directors, or the President.

Subject to the control of the Board of Directors and under the direction of the President, the Treasurer shall be vested with the following powers and shall perform the following duties:

He shall receive all moneys due and payable to the company from any source whatsoever and may give receipts and endorse warrants in its name for any and all payments made to the company. He may sign on behalf of the company claims for the collection of moneys due the company and all bonds or other undertakings, required in the prosecution of such claims.

He shall deposit all moneys and other valuable effects in the name of the company and to the credit of the company in such depository or depositories as may be designated by the Board of Directors; he shall be subject to the direction of the President as to the maximum and minimum balance to be maintained in each depository, and as to the conditions under which such deposits shall be made and such balances maintained.

He shall have charge of the disbursement of the funds of the company, taking proper receipts or vouchers for such disbursements.

He shall keep full and accounts of receipts and disbursoments in books belonging to the company and shall render whenever required account of his transactions as Treasurer.

He shall have the custody of the funds of the company and of all securities and evidences of indebtedness held by it, including mortgages, notes, deeds of trust, collateral of all kinds, and stocks and bonds. He shall be custodian of such other properties and effects of the company as may be specified by the Board of Directors, the Gairman of the Board of Directors, or the President.

He shall have such powers and duties in connection with the signing and countersigning of checks, notes, drafts and accoptances as are defined in the Articles "CHECKS" and "NOTES" of these By-laws.

With the President of the company he may sign certificates of stock

He shall do and perform such other duties as may from time to time be assigned to him by the Board of Directors, the Chairman of the Board of Director or the President.

The Treasurer shall give a bond of a security company to be approved by the Board of Directors in the sum of Fifty Thousand Dollars (\$50,000.00) for the faithful discharge of his duties.

Each Assistant Treasurer shall be vested with all the powers and shall, under the direction of the President, perform all the duties of the Prossurer in his absence, except as otherwise provided in the By-laws of the company and shall do and perform such other duties as from time to time may be assigned to him by the Board of Directors, the Chairman of the Board of Directors, the President, or the Troasurer. Each Assistant Treasurer shall give a bond of a

Subject to the control of the Board of Directors and under the direction of the President, the Secretary shall be vested with the following powers and perform the following duties:

He shall keep the minutes of all meetings of the Board of Directors. and the minutes of all meetings of the stockholders; he shall attend to the giving and serving of all notices of the company; he may attest in the name of the company all contracts authorized by the Board of Directore, and to all papers, instruments and documents, upon which it shall be required, he shall affix the seal of the company; he shall have charge of the seal of the company and of its stock certificate books and stock ledgers; he shall be responsible; for the registration by a registrardesignated by the Board of Directors of all stock contificates issued by the company. He shall have such powers and duties in connection with the countersigning of checks and the approval and ratification of orders and contracts as are defined in the Articles "CHECKS" and "CONTRACTS AND ORDERS" of these By-laws. He shall have the quatody of such original agrosments, releases, insurance policies, deeds, leases and other papers or books as the Board of Directors, the Chairman of the Board of Diroctors or the President may direct; He shall keep all books of account of the company except those which the Treasurer is required to keep, and shall render whenever required an account of the financial condition of the company and of the company's financial transactions; he shall do and perform all the usual duties incident to the office of the Secretary, and such other duties us may be assigned to him by the Board of Directors, the Chairman of the Board of Directors or the President.

He shall be sworn to the faithful discharge of his duties as Secretary.

Each Assistant Secretary shall be vested with all the powers and shall, under the direction of the President, perform all the duties of the Secretary in his absence and shall do and perform such other duties as from time to time may be assigned to him by the Board of Directors, the Chairman of the Board of Directors, the President or the Secretary, but an Assistant Secretary shall have no authority to sign orders and contracts in lieu of the Secretary (see Article "CONTRACTS AND ORDERS"), except for the purpose of attesting the seal of the company.

The General Counsel shall be the chief consulting officer of the company in all legal matters, and subject to the Board of Directors, shall have general control of all matters of legal import concerning the company.

If the office of any director becomes vacant by reason of death, resignation, disqualification, or otherwise, the remaining directors, although less than a quorum, by a majority vote may elect a successor or successors who shall hold office for the unexpired term, and if any of the offices of the company shall become vacant for any reason before the expiration of the term for which the incumbent thereof was elected, the Board of Directors may elect a successor or successors who shall hold office for the unexpired term.

DELEGATION OF DUTIES OF OFFICERS:

In the case of the absence of any officer of the company, or for any other reason which may seem sufficient to the Board of Directors, the Board of Directors may delegate hie powers for the time being to any other officer, or to any Director.

Except as may hereafter be specifically provided by the Board of Directors. all checks drawn on the funds of the company shall be signed only by the Treasurer or Assistant Treasurer, and shall be countersigned only by the Chairman of the Board of Directors, President, Secretary or Assistant Segre tery.

NOTES:
All promissory notes made by the company and acceptances of drarts drawn on the company shall be signed only by the Chairman of the Board of Directors, the President or the Tressurer, and shall be countersigned only by one of the said officers who does not sign the same; similarly the endorsement on behalf of the company of any such notes made payable to the company shall be signed only by the Chairman of the Board of Directors, the President or the Treasurer, and shall be countersigned only by one of the said officers who does not sign the same. The Treasurer or Assistant Treasurer shall have authority to endorse on behalf of the commany all other notes and drafts to be discounted at or placed for collection with any authorized depository of the

All orders or contracts involving an aggregate expenditure of Ten Thousand Dollars (\$10,000.00) or over, must, without exception, be authorized or approved and ratified by the Board of Directors, and such authorization or approval and ratification evidenced by a copy of the resolution authorizing or approving and ratifying the same, certified by the Secretary under the corporate eeal; and all orders or contracts involving an aggregate expenditure of One Thousand Dollars (\$1,000.00)or over, and less than Ten Thousand Dollars (\$10,000.00) must, without exception be approved and ratified personally by the Chairman of the Board of Directors, the President, the Vice President in Charge of Purchases, or the Secretary of the company, and must bear the written perecnal signature of the officer by whom it is approved and ratified. No order or contract shall be binding on the company unless authorized or approved and ratified as above set forth, and the company shall not be responsible for any order or contract not authorized or approved and ratified in strict compliance harawith.

The company may have an office and transact business in such places outside of the State of New Jersey as the Board of Directors may from time to time appoint.

PISCAL YEAR

The Fiscal Year of the company shall begin the first day of January anch want.

Dividends upon the capital stock of the company, when earned, shall

he rayable as and when the Board of Directors may direct. Before payment of any dividends, or making distribution of profits, there may be set aside out of the not profits of the company, such sum or sums as the Directors may from or the not provide of the dumpany, such sum of sums as the birectors may from time to time, in their absolute discretion, think proper as a reasonable fund to meet contingencies, or for equalizing dividends, or for repairing, improving, maintaining, increasing or extending the property of the company, or for any other purpose which the Directors shall think conducive to the intereste of the company.

ALIPNICIENTS TO BY-LAWS

The Board of Directors, by the vote of the majority of the whole Board, may, at any meeting thereof, alter or amend these By-laws if notice thereof he contained in the notice of the meeting, or if such notice be waived; however, no such notice shall be required if all of the members of the Board of Directors be present at euch meeting.

Mr. Charles Rison requested authority to open two accounts with the Phillipsburg National Bank and Trust Company, Phillipsburg, N. J., one to be a regular check account and the other to be known as "Mill Payroll Account." He also requested authority to open an additional account in the First National Bank, Washington, N. J., to be known as "Mill Payroll Account." Mr. Edison stated inasmuch as the Mill employees were to be maid by check in the future, it was considered advisable to set up separate bank accounts for this payroll, and to authorize only three eigners for these checks, viz. H. F. Miller, Treasurer, J. P. Doig, Assistant Secretary, and Paul S. Kinney,

On motion regularly made and seconded, the following resolutions were unanimously adopted:

Cashier.

RESOLVED, that the President of this corporation be and he is hereby authorized to furnish the Phillipsburg Mational Bank and Trust Company, Phillipsburg, N. J., with a certified copy of the By-laws of this corporation, and with a certified list of its officers the are authorized to sign or countersign checks and/or notes, particular attention being directed to those portions of the said By-laws under the headings of PRESIDENT, TREAS-URER, CHECKS and NOTES.

RESOLVED, that, subject to the By-laws, the President be and he is hereby authorized to open two bank accounts with the Phillipsburg National Bank and Trust Company, Phillipsburg, N. J. - one account to be a regular check account and the other to be known

as "Mill Payroll Account" -. for and in the name of this corporation, and to deposit with said bank insaid accounts, from time to time, any and all checks, drafts, money and other items of any kind: and he is hereby authorized to act for this corporation in all matters and transactions relating to any of its business with said bank, and subject to said By-laws to effect loans at any time for this corporation from said bank and for such losne to make, execute and deliver promiseory notes, each such note to be signed in accordance with that portion of the By-laws relating to NOPES.

RESOLVED, that any and all checks drawn against the funds of this corporation carried in its account known as "Mill Payroll Account" in the Phillipsburg National Bank and Trust Company. Phillipsburg, N. J., must, without exception, be signed by either one of the following:

> H. F. Miller - Treasurer J. P. Doig - Assistant Secretary Paul S. Kinney - Cashier.

RESOLVED, that, subject to the By-laws, the President be and he is hereby authorized to open an additional bank account, to be known as "Mill Payroll Account", with the First Mational Bank, Washington, N. J., for and in the name of this corporation, and to deposit with said bank in said account, from time to time, any and all checks, drafts, money and other items of any kind; and be it further

RESOLVED, that any and all checks drawn against the funds of this corporation carried in its account known as "Mill Payroll Account" in the First National Bank, Washington, N. J., must, without exception, be signed by either one of the following:

> H. P. Miller . - Treasurer J. P. Doig

- Assistant Secretary Paul S. Kirmey - Cashier.

There being no further business, the meeting adjourned.

during the period from shout September 27th to October 31et, 1925, with the understanding that shipments will be stopped when conditions make it necessary.

At the request of Mr. Cloos, on motion regularly made and

seconded, the following resolution was unanimously adopted:

REGGLYED, that the Bard of Directors of fine Bilson Fortland 'enemi Company does breeky approve and ratify the action of Mr. G. S. Billiams, Jr., Thee President in charge of Parnhauss, in excenting the following orders, copies witch have been numbered and filled with the Secretary of this corporation:

Author				antit;			Total Ex-
No.	No.	Vendor	& M	ateri	81	Price	penditure
0-259	99562	R. Y. Brown Coal Co.	4500	Tons	Ooal	\$1.00	\$ 4500.00
		Parrell Fuel Corporation	4500			1.00	4500.00
		Coleman & Company	1000		*	1.00	1000.00
11	99565	Winslow Coal Company	1000	ø	- 11	1.00	1000.00
19	99566	MoFarland Coal & Coke Co.	1000			1.00	1000.00
260	41	Coleman & Company	2000			1.00	2000.00
**	42	Whitney & Kemmerer	1000	11	10	1.00	1000-00
**	43	Farrell Push Corporation	8000	**	19	1.00	8000.00
11	44	Winslow Cosl Company	1000	17		1.00	1000.00
-261	509	Colsman & Company	1000	**		1.15	1150.00
	510	Shanferoke Coal & Supply Co.	3000	11		1.20	3600.00
**	511	Hoffman & Company	500			1.15	575.00
18	512	Farrell Fuel Corporation	3000	**		1.20	
19	513	A. G. Maretti & Company	2500			1115	3600.00 2875.00

There being no further business, the meeting adjourned.

C.E. Charlo Come

2. A. Z. Jam D. Good

R. H. Z. Hender M. Edian

R. J. H. Hung Canadam

H. J. W. H. Stiller

V. H. J. Thieles

V. H. L. W. Heladown M.

AttExcel-

I.O. ____

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Thursday, November 4, 1925, at 11:00 o'clock a.m., at the principal office of the corporation, West Orange, N. J.

Present Charles Edison, President Thomas A. Edison, Theodore N. Edison, Harry P. Miller, John V. Hiller, Henry Lanshan, Wa. H. Hendowsvort, Directors: H. H. EOKorf., Scoretary,

H. H. Eokert, Secretary.
W. D. Cloos. Vice President & General Kanager.

The meeting was called to order and presided over by the

The minutes of the meeting held October 14, 1926, were read

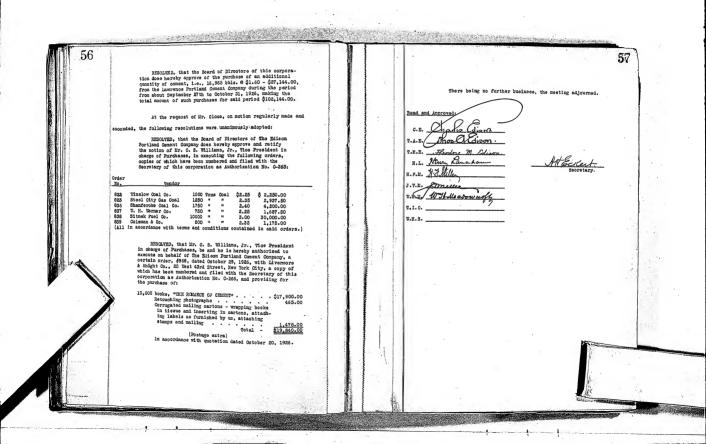
President, Mr. Charles Edison.

and approved.

Mr. Closs stated that on October 14th the Board approved of the purchase of occount from the Lawrence Fortland Geomet Co. during the period from about September 27th to October 31st, 1926, which, at a price of \$1:60 per barrel, it was estimated would amount to approximately \$75,000 worth. The total purchases during that period, however, amounted to 53,840 barrels, or \$102,144.00 - an overage of \$27,144.00; and Nr. Closs requested the Board's approval to the purchase of this additional amount.

Hr. Cloos further stated that it was mecessary to continue to purchase coment during part of November, and the actual figures would be presented for approval later.

On motion regularly made and seconded, the following resolution was unanimously adopted:



MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Monday, November 29, 1925, at 11:00 c'olock a.m., at the principal office of the corporation, West Orange, N. J.

> Present: Charles Edison, President: Thomas A. Edison. Theodore M. Edison, Harry P. Miller. John V. Miller, Henry Lanshan, Vm. H. Meadoworoft, Directors; H. H. Eckert, Soorstary,

W. D. Cloos, Vice President & General Manager.

The meeting was called to order and presided over by the

President, Mr. Charles Edison.

The minutes of the meeting held November 4, 1926, were read and approved.

Mr. Edison stated that on November 4, 1926, the Board of Directors approved of the purchase of additional cement during the period from September 27th to October 31, 1926, and that it had been necessary to continue to purchass cement during the month of November. The total purchases during November amounted to 22,870 barrels, or \$36,592.00, and Mr. Edison raquasted the Board's approval to the purchase of this additional

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this corporation does hereby approve of the purchase of an additional quantity of coment, i.e., 22,870 barrais # \$1.60 - \$36,592.00, from the Lawrance Portland Cement Company during the month of November, 1925, making the total amount of such purchases to November 30th, \$138,736.00.

At the request of Mr. Cloos, on motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOLVED, that Mr. C. S. Williams, Jr., Vice President in charge of Purchases, be and he is hereby authorized to oxecute on behalf of The Blison Fortland Cement Company, a osrtain order, #1,220, dated November 15, 1926, with Coloman & Company, Banker's Trust Building, Philadelphia, Par, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. C-266, and providing for the purchase of:

5000 tons of High Volatile Coal Material:

Prica: \$2,00 per ton

7 cars daily beginning Nov. 15, 1926. Delivery:

Total expenditure not to exceed \$10,000.00. (All in accordance with terms and conditions contained in said order.)

RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve and ratify the

action of Mr. C. S. Elliams, Jr., Vice President in charge of Purchases, in exocuting the following orders, copies of which have been numbered and filed with the Secretary of this corporation as Authorization No. C-267:

Ordor No.			ntity sterial	Price	Total Ex- penditure
1427	Farrell Fuel Corp.	2000	tons Coal	\$1.75	\$3.500.00
14.28	Sitnek Fuel Corp.	2000		1.75	3.500.00
1429	R. Y. Brown Coal Co.	1500		1.75	2,625,00
1430	Coloman & Co.	2500	19	1.75	4.375.00
1431	Winslow Coal Co.	1000	**	1.75	1.750.00
1432	A. G. Maretti & Co.	1000		1.75	1.750.00
(477	in concerdence with terms	and.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

For December delivery.

Total expenditure not to exceed \$17,500.00

There being no further business, the meeting adjourned.

Theodore M. Shigor

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CHIEFT OCUPANY

Held Tuesday, January 11, 1927, at 11:00 o'clock a.m., at the principal office of the corporation, West Orange, M. J.

> Present: Charles Edison, President. Thomas A. Elison. Theodore M. Edison. Harry P. Miller. John V. Miller,

Henry Lanahan. Vin. H. Meadoworoft, Directors: James P. Doig. Assistant Secretary; Vice Precident & General Eaneger, W. D. Cloos.

. The mostine was called to order and prosided over by the President. Mr. Charles Edison.

The minutes of the meeting held November 29, 1925, were read and approved.

At the request of Mr. Closs on motion regularly made and seconded. the following resolution was unanimously adopted:

RESOLVED, that Mr. C. S. Williams, Jr., Vice President in charge of Purchases, be and he is horoby authorized to executo on behalf of the Elison Portland Cement Company, a certain contract, order number 1821, dated December 28, 1926, with F. H. Clement & Company, Wilbur Trust Building, Betalehom, Pa., a copy of which has been numbered and filed with the Socretary of this corporation as Authorization No. C-272, and providing for the purchase of:

> To erect 4 concrote walls in our #2 Stock Material: House at Stewartsville, E. J.

\$22,061.00 orected complete.

A bonus of \$500.00 to be paid if finished Delivory:

before February 15, 1927. A further bonus of \$25.00 per day for each and every day work is completed before February 15, 1927. if work is not completed by February 15, 1927, a penalty of \$25.00 per day will be charged

for each day.

Price:

Total expanditure not to exceed \$22,051.00.

(All in accordance with torms and conditions contained in each contract.)

The Vice President in Charge of Purchases presented to the Board of Directors papers to be filled out and filed with the United States Internal Revenue Collector for a permit to use at Stewartsville, N. J., non-beverage distilled spirits - Ethyl Alechel in connection

with which he stated it was necessary that the Board of Directors pags a resolution

On notion regularly made and seconded, the following resolu-

DEDUTED, that ir. James P. Dolg, Assistant Secretary of the Dynamian be unth barely is authorized, empowered and freshed for man on behalf and in the name of this corporation to forthwith make application, pursuant to the laws of the Builded States and the regulations and decisions issued by the United States and the regulations and decisions issued by the United States Almoral Revenue Department thereometer, for a presit to use Ethyl Alcohol and to execute and deliver to the proper small control of the Company of the Company

At the request of Mr. Close on motion regularly made and seconded, the following resolution was unanimously adopted;

BESOUND, that in, 0, 8, Williams, 7r., Who President in charge of Provinces, be and he is hearby authorised to accute on behalf of the Mison Porlind commant Company, a certain roder number 1855, dated December 6, 1956, with Twiyler Engineering & Hamminaturing Company, Allonton, Par, a copy of which has boon numbers and filed with the Secretary of this corporation as Authorization No. G-269, and

Material: 9 Miln sections to sizes shown on Purchase Order.

Price: \$11,722 complete as per their quotation of October 26, 1926.

Delivery: 45 to 60 days after receipt of order.

(All in accordance with the terms and conditions contained in said order.)

At the request of Hr. Cloes, on metion regularly made and seconded, the following resolutions were unanimously adopted:

BESOL WED, that the Board of Birectors of The Blison Portland Coment Company does hereby approve and ratify the notion of its proper officers; does hereby approve and ratify the notion of its proper officers; does not be a fine precise before the second of the second

REGOLVED, that the Board of Mirestors of the Blight Perliand Common Company, does hereby approve and restly the sates of proper officers in oxecuting under date of November 6, 1924, at proper officers in oxecuting under date of November 6, 1924, at lease covering the rental of covising presides more as Officer Nose, 18-20-2 South 15th Street, Fillandphina Ren, from Albert X. 1924, and 1924, an

Er. Closs submitted a list of memberships in various organizations which he considered decirable for the corporation to carry during the year 1927, and requested the Board's approval thereto.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Portland Common Company, does hereby authorize the following memberships for the year 1927:

Organization	Representative	Duos	
Deal Gelf Club Westchester Biltmore	R. A. Wetzler	\$175.00 250.00	
New York Athletic Club Engineers Club		165.00	
Engineers Club American Society of Testing Materials	W. D. Cloos	100.00 15.00	
American Society of Tosting Materials	G. C. Wilsnack	15.00	

Organization Bostom Chamber of Commerce Bostom Athletic Association Toodland Bolf Cluby Massociation of Cluby Association of Philadolphia Northfield Country Club of Highright Colculid Country Club of Highright	A. C. Bruff \$4	0.00 2.50 57.50 5.00 0.00 15.00
Boston Chember of Commerce Boston Athletic Association Toodland Colf Club Tassochusotts Highmay Association Contractors Association of Philadolphia Northfield Country Club Colonial Country Club of Harrisbury	A. C. Bruff \$4 " 13 ", H. Fronoh 10 Goorgo I. Dungan 18, T. Gumport 5	0.00 02.50 57.50 5.00 0.00
Country Glub of Virginia Thew York Credit Home Association Excert Athlotic Glub Charless Glub Charle	J. C. LeRue E. P. Gaffney J. Leahy F. E. Sundt Company ("Ghas. Elison Company " [Est'd] 50,00	50.00 50.00 50.00 32.50 10.00 50.00 50.00 50.00 10.00 99.68 10.00

Thore being no further business, the mosting adjourned.

T.1.C.

Jea P. Doig Joseph Gentley Courters Secretary

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORPLAND CEMENT COMPANY

Held Monday, February 21, 1927, at 11:00 o'olook a.m., at the principal office of the corporation, West Grange, N. J.

Present: Charles Elison, President;
Thoodore N. Elison,
Henry Landbon,
John W. Millor,
Tohn W. Millor,
Th. H. Handowrort,
Directore;
H. M. Exbert,
W. D. Cloos,
Whoe President & General Manager,
W. D. Cloos,
Whoe President & General Manager,

Mr. Charles Edison.

The moeting was called to order and presided over by the President,

The minutes of the meeting held January 11, 1927, were read and

Mr. Harry P. Miller stated that it had been the ouston of this company to procure a loan from Thomas A. Edison, incorporated, in amounts as required from time to time to cover our winter operations, and request-od the approval of the Board of Directors to the proper officers of Elison Portland Coment Company arranging for a loan of \$500,000 at 6% interest, from Docember 1, 1826 to May 31, 1937.

On motion regularly made and seconded, the following resolution was unanimously adopted:

Cament Company be and thay are hereby authorized to borrow up to but not exceeding \$500,000 from fromms A. Eston. Insection to the coorporated, in amounts as required from the ot time to coorporated, in amounts as required from the to time to coorporated, in amounts as required from the to time to coorporated. The coorporated from the coorpora

missource, that the Seard of Directors of the Editor Portland Common Company, does hareby approve and ratify the action of the props officers in accounting tunder date of Polarust, 1957, a loase coording the runtal of cortain in the Minfeld Smiddlen, fifth Avenue and Portland Street, leve York City, N. Y., from P. N. Colluvoth Co., for a period of two years, commencing May 1, 1927 and smiting April 30, 1928, at a result of 365.00 per month, all in accordance of the cortain of 365.00 per month, all in said lease, a copy of thich has been numbered act of 11 may 10 min of this corporation as authorisation —277.

At the roquest of Mr. Cloos, on motion regularly made and soconded, the following resolutions were unanimously adopted:

BERGIND, that Mr. G. S. Williams, Jr., Vice President in charge of Purchases, to and he is hereby authorized to exactly an exactly an experience of the control company, as cortical control c

Quantity and Material: 500,0

500,000 Osnaburg Cement Bags, as specified.

Price and Point of Dilivery: Printed two sides - \$100.00 per M Printed one side - 99.50 " M

Printed one side - 99.50 " M f.o.b. Sollor's plant, freight allowed to New Willage, N. J.

Shirmont st

March, April, May and June, 1927. Not to exceed 350.000.00.

Total Exponditure:

arison, that the Board of Directors of The Edison Fortland General Geograph does hereby poprove and reality the action of Hr. C. S. will age, Jr., The Previolent in charge of Purchases, in executing, Jr., the previolent in charge oppies of smoo having been numbered and filled with the Society oppies of smoo having been numbered and filled with the Society.

Author. Order

Vendor

Quantity Price

C-278 Contract-Bag Service Co.,-Cleaning, sorting, mending and taking care of bags, as per contract. From Feb.16,1927

to February 15, 1928. 0-279A 2294 Connelsville Big Vein Coal Co .- 30 oars Coal \$1.20 per ton 0-279B 2295 Sitnek Fuel Corp. 30 1.20 " 0-2790 2296 H. H. Lineaweaver 30 It 1.20 " C-279D 2297 Orown Coal & Coke Co. 30 1.20 0-279E 2298 A. G. Maretti 30 1.20 " C-279F 2300 Corrado Coal Co. 30 1.20 # 0-2796 2301 Rurns Ruel Co. 20 1.20 " C-279H 2302 Coloman Coal Co. 50 1.35 " (Shipments of coal to be made at once, am total expenditure not to exceed \$15,375.00.) C-280A 2650 Burns Fuel Co. 1500 tons Coal \$1.20 \$1800.00 C-280B 2651 Sitnek Fuel Co. 2500 # 3000.00 0-2800 2652 Connelsville Big Vein) 2500 " 3000,00

0-2800 2652 Connelsville Big vois | 2500 " " " 3000,00 |
0-2800 2653 Corrado Coal & Coke | 1500 " " 1600,00 |
0-2800 2654 A.G. Marsetti Co. 500 " " 1600,00 |
0-2800 2655 Crown Coal & Coke | 3500 " " 600,00 |
0-2807 2655 Crown Coal & Coke | 3500 " " 4200,00 |
1797 dollway during the south of liknoh 1927. Total expenditure not to

exceed \$14,400.00.)
All in accordance with the terms and conditions contained in said orders and contracts.

RESOLVED, that, in addition to the memberships authorized on January 11, 1927, the Board of Directors does horeby authorize the following for the year 1927:

 Optimization
 Representative
 Dues

 American Construction Council
 W. D. Cloos
 \$25.00

 New Jersey Constructors' Asso.inc.
 (II. P. Whight
 Thight

 R. A. Wetsler
 200.00

Mr. H. P. Miller, Treasurer, stated that Mr. Thomas A. Elisen hold twenty notes of The Elisen Fortland Coment Company in amounts of \$100,000 each, totalling \$2,000,000., bearing intorest at 6% per annua due September 30, 1926. In lieu of payment, Hr. Elisen had offered to extend the time of payment for two years, accepting similar notes expiring September 30th, 1928. Mr. Miller therefore requested that the Board of Directors ratify and approve the action of the proper officers in issuing to Hr. Thomas A. Elisen twenty notes, totalling \$2,000,000., bearing interest at 6% per annua and expiring September 30th, 1928.

67

On motion regularly made, seconded and unanimously carried,

the following resolution was adopted:-

UMERIES, ir. Thomas A. Mison, who hald twenty (20) notes of the Mison Portland Generic Company, dated September 30, 1985, being a reaseml of similar notes dated September 1, 1924, in the amount of one hundred thousand dollars (2(100,000.) each, totalling two million dollars (2(0,00,000.), and expiring September 30, 1925)

AND UHEREAS, in lieu of payment, Mr. Edison has offered to accept similar notes expiring September 30, 1928.

NOW, CHEMPROE, Et P. ENGLYED, that the Board of Directors hereby approve and ruifly the nation of the proper officers of this corporation, upon the surrender for connecliation of the surrender for connecliation by the proper officers of the surrender of the sur

There being no further business, the meeting adjourned.

MEKert.

T.L. Thosaldware
T.L. Thosaldware
T.L. Thosaldware
T.L. Thosaldware

H.L. Henry Ranahan

J. V.M. Somieur

W.H.S.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held Monday, April 11, 1927, at 11:00 o'clock a.m., at the principal office of the corporation, Test Orange, N. J.

Present: Theodore M. Edison, Henry Lamban, Harry F. Millor, J. V. Millsr, W. H. Meadoworoft, Directors; H. H. Ecket, Secretary:

of the meeting.

In the absence of Mr. Charles Edison, President, and Mr. Thomas A. Edison, Chairman of the Board, Mr. Theodore M. Elison, was elected chairman.

The minutes of the meeting held Pebruary 21, 1927, were read and approved.

A memorandum was presented from Mr. W. D. Cloos requesting the Board's approval to certain purchase orders, and on motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Rilson Portland Comment Company does hereby approve and ratify the action of Mr. C. S. Williams, Nr., Vice President in charge of Furchases, in accounting the following Purchase Orders, copies of which have been numbered and filed with the Secretary of this corporation as authorization No. 0-280

Order No.	Company	138	teria	1		Price		Total
3025	Burns Puel Co.	60	cars	Coal	8	\$1.20 1	on	\$3,600.00
3026	A.G.Maretti Co.	30		18		1.20	"	1,800.00
3027	Coleman & Co.	30				1.25	17	1,875.00
3028	Elk River Coal & Lumber Co.					1.10*	**	550.00
	(* 15¢ higher freig	ht:	rate)					
3029	Connellsville Big Vein		oars			1.25	16	1,875.00
3030	Vetterlein Puel Co.	10	"	**		1.25	11	625.00
3031	Moreland Coke Co	10				1.25	11	625.00
		30				1.25	12	1.875.00
3032	Blue Ribbon Coal Co	30				1.25	**	1.875.00
3033	Eastern Fuel Co. For delivery	đu		April	-			-10

Total expenditure not to exceed \$14,700.00.

(All in accordance with the terms and conditions contained in said orders.)

Mr. Edison etated that the Cement production had been oversold, and it was deemed edvisable to purchase cement on the outside. He therefore desired the approval of the Board to a request from Mr. W. D. Cloos for the purchase of 100,000 barrels of comont

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that Mr. C. S. Williams, Jr., Vice President. in charge of Purchases, be and he is hereby authorized to execute on behalf of The Edison Portland Cement Company, a pertain purchase order #3099, dated April 5, 1927, with the Penn Dixio Cement Co., 131 East 46th Street, New York City. a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. 0-285, and providing for the purchase of:

Quantity &_ Material:

(Approx.) 100,000 bble. Penn. Dixie Portland Coment, Portland Point, N.Y. plant, and packed in our bags supplied

Price & Delivery:

Current delivered consumer's price at various points in Central, Northern and Western New York State, less 40¢ for oloth bags (supplied by us), loss 10g per bbl. dealer trade discount, less 10f per bbl. special discount, less 10d per bbl. cash discount when the invoice is paid within 15 days from date of ship-As instructed daily.

Total Expenditure: Not to exceed \$225,000.

(All in accordance with the terms and conditions contained in said order), There being no further business, the meeting adjourned.

Read and Approved

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND GENERY COMPANY

Held Friday, May 13, 1927, at 11:00 o'clock a.m., at the principal office of the corporation, West Orange, R. J.

Prosent: Thomas A. Elison, Chairman; Theodore M. Edison, Henry Lanahan Harry F. Miller. John V. Eiller, W. H. Meadoworoft, Directors; H. H. Bokort, Secrotary.

The meeting was called to order and presided over by the Chairman of the Board, Mr. Thomas A. Edison.

The minutes of the meeting held April 11, 1927, wore read and approved.

Mr. Thomas A. Edison etated that it had been dooided to relieve Mr. C.S. Williams, Jr., Vice President in Charge of Purchases from his duties and responsibilities in connection with Purchases in order to permit him to devote hie time to other activities for this company and the other Edison Companies, and particularly in order to enable him to devote his time to the development and procurement of new business for the various Edison Companies. To carry this out it is recommended that the title of Mr. C.S. Williams, Jr. be changed from Vice President in Charge of Purchases to Vice President.

In order to fill the vacancy caused by the change of duties of Mr. C. S. Williams, Jr., and to conform with our By-laws so that all orders or contracts involving an aggregate expenditure of \$1,000 er over and less than \$10,000 may be approved and ratified personally by the Vice President in Chargo of Purchases, Mr. Thomas A. Elison recommended the appointment of Mr. Ralph H. Allen as Vice Prosident in Charge of Purchases.

On motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the title of Mr. C.S. Williams, Jr. . be changed from Vice President in Charge of Purchases to Vice Prosident, and be it further

Control of the second s

RESOLVED, that Mr. Ralph H. Allen be and he is hereby elooted Vice President in Charge of Purchasss of Edison Portland Company in addition to his other duties as Vico President, effective as at April 18, 1927, to hold office until the next regular annual meeting, or until his successor shall have been clocked.

Mr. Harry F. Millor stated that the new location of our Boston Office, at #100 Arlington Street, was not convenient to the Bank in which our account is carried at present, and it therefore boomes necessary for us to close the old bank account and open a new bank account with the Old Colony Trust Company, #17 Court Street. Boston Mass.

On motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the authority given to the Treasurer of this Company to opon an account, known as The Elison Portland Cament Company, "Boston Sales Office Account, # in the Liberty Trust Company, Boston, Mass.; as set forth in certain resolutions adopted by the Board of Directors of this Company on January 7, 1920, and amended April 30, 1924, are hereby rescinded, and he is hereby authorized and directed to withdraw any and all funds deposited to the credit of this company, and to take such other steps as will close the account.

RESOLVED, that the Treasurer of this Corporation be and he is hereby authorized to furnish the Old Colony Trust Company of Boston, Mass., with a certified copy of the By-laws of this Corporation, a certified list of its officers and a certified copy of the resolution authorizing others than those designated in the By-laws to sign and countersign checks; particular attention being directed to those portions of the said By-laws under the headings of PRESIDENT, TREASURER, CHECKS and NOTES.

RESOLVED, that subject to the By-laws, the Treasurer of this Corporation be and he is hereby sutherized to open a bank secount with the Old Colony Trust Company, 17 Court Street, Boston, Eass., for and in the name of this Corporation, to be known as the Elison Portland Cement Company Boston Sales Office Account, and to deposit in said account, from time to time, any and all checks, drafts, money and other items of any kind; and he is hereby authorized to act for this Corporation in all matters and transactions relating to any of its business with said Old Colony Trust Company, and subject to said By-laws to effect loans at any time for this Corporation from said bank and for such loans to make, execute and deliver promissory notes: each such note to be signed in accordance with that portion of the By-laws relating to MOTES, and be it further

RESOLVED, that, in addition to the powers and authority already given certain officers of T he Edison Portland Cement Company, as provided by its By-laws, authority is hereby granted to Miss Eatherine G. Kelly to sign and to Mr. Albert C. Bruff to countersign checks drawn on the funds of this Corporation, carried in its account known as "Boston Sales Office Account." in The Old Colony Trust Company, Boston, Mass.; provided, however, that neither Miss Katherine G. Kelly nor Mr. Albert C. Bruff shall have any authority to endorse for deposit in or collection by said bank any checks, drafts or money orders payable to or to the order of The Elison Fortland Cement Company.

This authorization cancels and supersedes a similar resolution adopted by the Board of Directors on April 30, 1924, regarding the signing and counter-signing of such checks drawn on the funds of this corporation in The Liberty Trust Company, Boston, Mass.

A memorandum was presented from Mr. W. D. Cloos requesting the Board's approval to certain purchase orders, and on motion regularly male and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the Board of Directors of The Elison Portland Cement Company does hereby approve and ratify the action of Mr. C. S. Williams, Jr., Vice President in Charge of Purchasos, in executing the following Purchase Orders, copies of which have been numbered and filed with the Sooretary of this corporation as Authorization Nos. C-287 and C-288:

Authorization No. C-287, Purchase Ordor No. 3096, dated April 4, 1927: Livermore & Knight Company.

24,000 pieces 4 color folders for Architects & Contractors.

\$4,620.00 27,000 pieces 3 color broadsides 3.610.00 for Dealers,

2,150,00 100,000 pieces Dealer Booklets, \$10,380,00

Total Expenditure:

Material:

Not to exceed, As per their quotation. Authorization No. C-288,-

 Order No.
 Company
 2 carloads Paper Bags \$ \$48.500
 7764.00

 3153
 Jaite Company
 2 carloads Paper Bags \$ \$48.500
 \$7764.00

 3156
 Bates Valve Bag Co.
 2 "" " 48.53
 7764.00

Delivery: To be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$15,524.00 .

Memorandums were also presented from Mr. Closs requesting additional memberships, and on motion regularly male and seconded, the following resolution was unanimously adopted:

RESOLVED, that in addition to the memberships authorized January 11, 1927, the Board of Directors does hereby authorico memberships as follows:

Ontanization

Representative

Exchange Club, Atlantic City. G.I.Dungan \$100.00
Penn Athletic Club, {Initiation} W. D. Cloos 100.00 }
(Yearly dues) 100.00 }

A memorandum was presented from Mr. R. H. Allen of our fax
Department, stating that the Treasury Department of the U. S. Government had requested us to execute another Talver covering the audit of
tax returns for the fiscal year ended Pebruary 28, 1923, this waiver to
expire Decomber 31, 1927. This had been done for both The Elison
Portland Comment Compenny and Elison FulverLead Limestone Compenny, and
the matter was now presented to the Board for approval.

On motion regularly made and seconded, the following resolution was unanimously adopted:

"RESOLVED, that the action of the proper officers of this Corporation is executing Imome and Profits Tax Talvar the following from ant senor, for both Tay-Blists Pot the following from and Edison Phivarized Limestone Compuny, be and is hereby approved and ratified. "INCOME AND PROPITS TAX VALVER

"For Fiscal Year Ended February 28, 1923.

April 6, 1927.

In pursuance of the provisions of existing Internal Revnue Laws, unge, New Jorsel, and the Commissioner of Internal Revenue heavy and the Commissioner of Internal Revenue heavier the time prescribed by law for making any assossment of the amount sade by or on behalf of said taxogover for the fiscal year saids Physics, 1828, under patients of the State of

"This walver of the time for making any assessment as aforesaid shall remain in effect until December 3, 1927, and shall then expire except that if a notice of a deficiency in tax is sent to said taxpager by registered mail before said date and [1] no uppeal is filled then from with the United States Dorse of Tax Appeals them said date and the extended stry days, or give the said of the said state of the les extended stry days, or give the said of the said of the said and the said of the large of said notice of deficiency and the date of final decision by said board.

> EDISON PORTLAND CEMENT COMPANY (EDISON PULVERIZED LIMESTONE COMPANY) *

(Seal)

By Ralph H. Allen, Vice Prosident.

Commissioner."

* A Waiver similar to the above was eigned by Mr. Ralph H. Allen for Edison Pulverized Limestone Company.

There being no further business, the meeting adjourned.

C.E. Charles diego

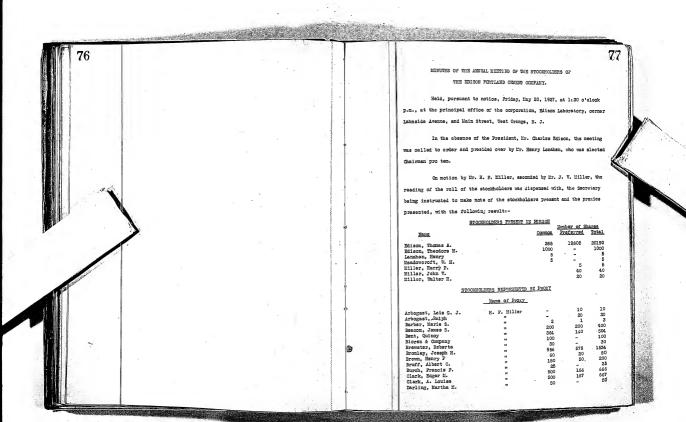
Thoday M. Edison

H. F. M. H. Miller

W. H. W. W. Meadowarf

W.H.S.

Secretary.



				Number of Shares				
78			ferred					
Mame Name		Common 110	101104	Total				
Davidson, Jane H.	H. F. Miller	36 .	40	76				
		60	50	110				
Dyer, Frank L. Edison, Hrs. Mina E.		1,916	958	2,874				
Edison, nrs. mina m.		132,937		137,593				
Edison, Inc., Thomas A.		400	500	900				
Elkin, Adda P.		500	100	600				
Fable, Frederick A.		300	100	400				
Felton, Edgar C.		2,412	1,081	3,493				
Funk, Marion Thompson		370	10	380				
Garner, S. Carl	,	20	-	20				
Gow, Helen H. (Ers.)		112	48	160				
Gummoy, John S.	i i	125	25	150				
Harper, Jessie Cornell	:		2	2				
Harper, Um. Henry			5	5				
Hird, Allan H.		34	34	68				
Holland, E. Fraenkel (Ers)		04	20	20				
Howell, Maude H.		-86	68	154				
Huff. W. A.			227	889				
Katzenbach, Matalie MoMeal (Mr	's) "	662	16	50 50				
Kunkel, Beverly W.		34	16	. 30				
Leeter, Mary Elizabeth	"	20						
Lipper, Milton W.	"	75	125	200				
Mallory, W. S.		10		10				
Martin, Adaline M.		-	10	10				
Hason, W. H.		110	20	130				
L'asters, Joesie W.	19	130	65	195				
Eathieu, John P. Est. of	a	103	164	267				
Leyer, E.		-	100	100				
Lorse, Alice J.		6	10	16				
Morse, Francis G. Est. of	n	80	_	80				
Mulford, David P.	n	20	_	20				
New Brunswick Tr. Co. Trustee (C.	D. Dark other 1	30	20	50				
Page, Theoler H.	H. F. "Miller	2	~i	3				
	n. F. Miller	_ ~	202	202				
Page, Robert Holmes	ï	188	119	307				
Parsons, Katherine F.		224	96	320				
Phila.Tr.Co.Trustoe (C.E.Gwme	y) "	401	5	5.50				
Pierman, A. H.		3,500	5	3.500				
Pilling, Catherine Ross, Est.	of "		320	3,896				
Pilling, W. S.		3,576		277				
Boattergood, Alfred G.		147	130	277				
Scattergood, J. Henry		147	130	277				
Scattergood, Margaret (Miss)		147	130					
Hoag, Anna S. Est of		147	129	276				
Scattergood, Earia C. Est.	- 11	588	519	1,107				
Serrill, Vm. J.	t)	200	100	300				
Shaw, Wa. F.	11	70	60	130				
Shelmerdine, Vm. H.	u u	19,793	5,241	25,034				
Simkins, Eva S.		24	12	36				
Sisler, Rebecca H. (Lrs.)		125	100	225				
Staniforth, Annie M.		20		20				
Sweeney, F. A.	,		10	10				
Taylor, Florence N.		-42	41	83				
	-	42	808	2,862				
Thompson, Helon		2,054		7,286				
Thompson, J. Linton	"	5,024	2,262	80				
J. W. Thompson,		60	20					
Villard, Oswald G.	19	100	-	100				
Wales, Florence Morse		- 6	10	. 16				
Worren, Arthur F.		5	- 5					
		٠.	-					

Name	Name of Proxy	Common	Proferred	
Warren, Wa. A. White, Harry Willett, Jane Woodward, Hargaret E.	H. F. Miller	80 401 328 20	30 325 97	110 729 425 20
Total - represen	ted by proxy	180,546	20,718	201,264
Grand Total -		181,941	40,588	222,529

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary,

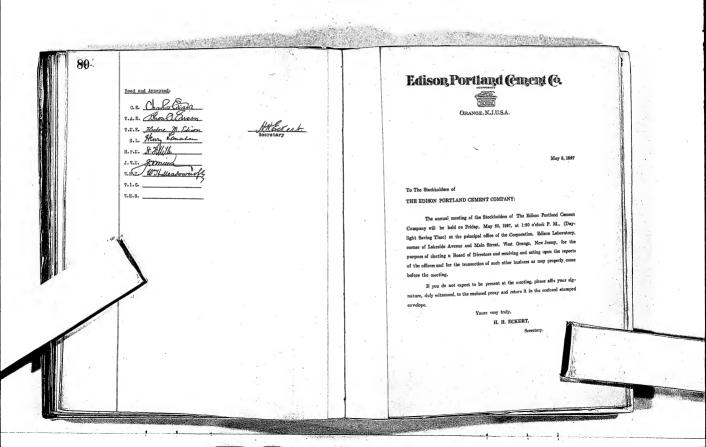
The Scoretary presented and read a copy of the notice of the meeting, together with the proof of the due mailing thereof to each stock-holder of the corporation at least ten days prior to the mosting, as required by the By-laws.

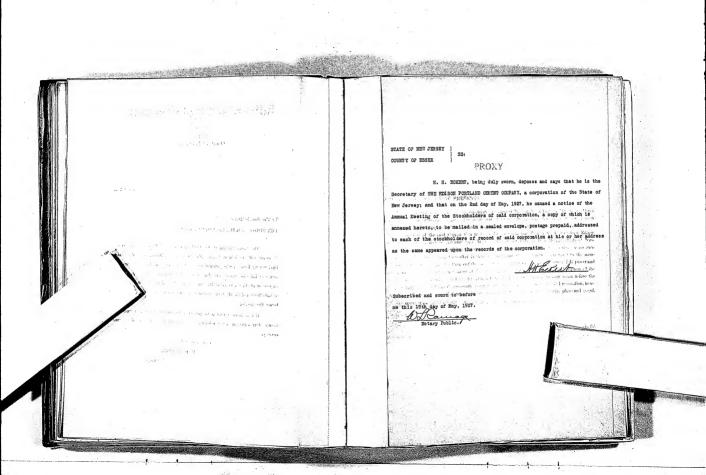
The Chairman pro tem stated that the Freelont, Nr. Charles Edison, had desired to be present in person at this mosting to make the usual annual report, but owing to his absence from Test Orange, it was impossible for him to do so, and for that reason it seemed to be desirable to adjourn the meeting until May 27, 1927.

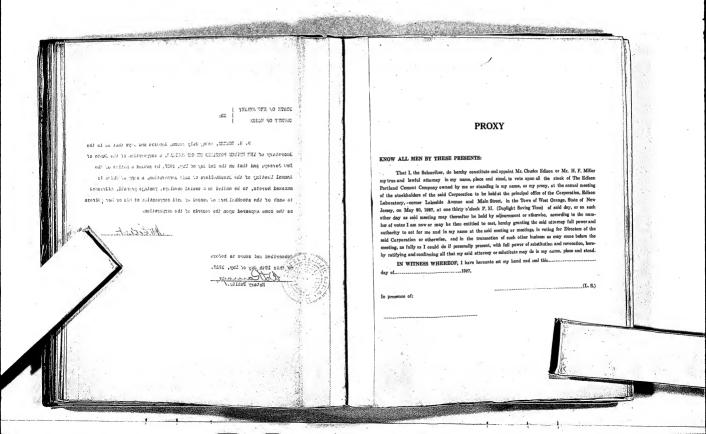
On motion by Hr. Talter H. Hiller, esconded by Hr. Ta. H. Hesdowcroft, and by unanimous affirmative vote by all those present in person and represented by proxy, the meeting was adjourned to Friday, Hay 27, 1927, at 11:30 o'clock a.m.

The Secretary was then instructed to insert in the minute book for the purpose of reference, the following papers.

- 1. Copy of notice to the meeting and proof or the service.
- 2. Form of proxy.







MINUTES OF THE ADJOURNED ANNUAL MEETING OF THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY

The annual mosting of the stockholders adjourned from Friday, May 20, 1927, was continued at the principal office of the corporation, Elison Laboratory, corner Laborate Avenue and Main Street, West Grange, New Jorsey, at 11:30 ofclock a.m., on Friday, May 27, 1927.

. The meeting was called to order and presided over by the President, Mr. Charles Edison.

On motion by Mr. H. P. Millor, seconded by Mr. J. V. Miller, the calling of the roll of the etockholders was dispensed with, and the Secretary, Mr. H. H. Bokert, was instructed to make note of the stockholders present and the proxies presented, with the following result:

SPOCKHOLDERS	PRESENT IN	PERSON
--------------	------------	--------

	Num	ber of Share	98_
Name	Common	Proferred	Total
Edison, Charles	1000	1000	2000
Edison, Thomas A.	1000	19805	1000
Edison, Theodore M. Lanahan, Henry	5		5
Meadoworoft, W. H.	5	5	. 5
Miller, Harry F.		40	4.0
Miller, John V.		-	

STOCKHOLDERS REPRESENTED BY PROXY

Memo of Proxy

		Name or	Fruz	ž.			
						10	. 10
Arbogast, Lois G. J.						20	20
Arbogast, Ralph					2	1	3
Barber, Marie S.					200	200	400
Beacom, James S.					364	140	504
Bent, Quincy					100		100
Bioren & Company					30		30
Brewster, Roberta					956	578	1534
Bromley, Joseph H.					60	20	80
Brown, Henry P.					150	50	200
Bruff, Albert C.					. 25		25
Burch, Francis F.					500	166	666
Clark, Edgar M.					500	167	667
Clark, A. Louise					50		51
Darling, Martha M.					36	40	. 7
Davideon, Jane H.					30		

	Common	Preferred	Total
	60	50	110
Dyer, Frank L.	1916	958	2874
Elison, Mrs. Mina M.	400	500	900
Elkin, Adda P.	132937	4656	137593
Edison, lno., Thomas A.	500	100	600
Fablo, Froderick A.	300	100	400
Felton, Edgar C.	2412	1081	3493
Punk, Harion Thompson	370	10	380
Garnor, S. Carl	20		20
Gow, Helen H. (Ers.)	112	48	160
Gunnoy, John S.	125	25	150
Harper, Jessio Cornell	Ual	2	2
Harper, Wa. Henry		ŝ	5
Hird. Allan L.	34	34	68
Holland, E. Fraenkel (Mrs.)	34	20	20
Howell, Maude H.		68	154
Buff. V. A.	86		889
Katzenbach, Natalie MoMeal (Mrs.)	662	227	
Kunkol, Bevorly W.	34	16	50
Lester, Eary Elizaboth	20	10	30
Lipper, Milton W.	75	125	200
Mallory, W. S.	10		10
Martin, Adaline M.		10	10
Mason, W. H.	110	20	130
Lasters, Jessie W.	130	65	195
Mathieu, John P. Est. of	103	164	267
Lever, E.		100	100
Miller, Walter H.		20	20
Morse, Alice J.	6	10	16
Morse, Francis G. Est. of	. 80		80
Hulford, David P.	20		20
New Brunswick Trust Co., Trustee	30	20	50
Page, Theeler H.	2	1	3
Page, Robert Holmes		202	202
Parsons, Kathorino F.	188	119	307
Fhile. Trust Co., Trustee (C.L.Gumey)	. 224	. 96	320
Pierman, A. M.		5	5
Pilling, Cathorino Ross Mrs. Est. of	3500		3500
Pilling, W. S.	3576	320	3896
Scattergood, Alfred G.	147	130	277
Scattergood, J. Henry	147	130	277
Scattergood, Margaret (Miss) Est. of	147	130	277
Hoag, Anna S., Est. of	147	129	276
Scattergood, Maria C. (Mrs.)	588	519	1107
Sorrill, Vm. J.	200	100	300
Shaw, Van. F.	70	60	130
Shelmordine, Wm. H.	19793	5241	25034
Simkino, Eva S.	24	12	36
Sisler, Rebecca H. (Mrs.)	125	100	225
Staniforth, Annie H. (Mrs.)	20		20
Swoeney, F. A.		10	10
Taylor, Florence N.	42		83
Thompson, Helen	2054		2862
Thompson, J. Linton	5024		7286
Thompson, J. W.	200		. 80
Villard, Oswald G.	100		100
Wales, Floronce Morse	100		16
wetent trotomes wother			

			Number of Shares		
			Common	Preferred	Total
Warren, Arthur F.			5	5	10
Warren, Wa. A.			80	30	110
White, Harry			404	325	729
Willett, Jane			328	97	425
Woodward, Margaret	E.		20		20
	Total Shares	.*	182941	41588	224529

a majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The minutes of the meeting of the stockholders held Eay 20, 1927, of which this meeting is a continuation, were read and approved.

The transfer book and stock books of the corporation, togother with a full, true and complete list, in alphabetical order, of the stock-holders entitled to vote at the ensuing election, with the address of each and the number of shares held by each, were produced and remained during the election open to inapportion.

On motion by Mr. H. F. Miller, seconded by Mr. Theodore M. Edison, and by unanimous affirmative vote, the reading of the minutes of the previous annual meeting of the stockholders was disposed with.

Mosers. I. W. Walker and J. R. Osborn (moither of them being a candidate for the office of Director) were appointed Inspectors of Election and duly sworn.

On motion by Mr. Henry Lannhan, seconded by Mr. John v. Hiller, Messrs. Theren I. Crane, Charles Edison, Thomas A. Blicon, Theodore H. Edison, Henry Lanshan, Harry F. Hiller, John V. Hillor, Th. H. Esadowenort, and Th. H. Shelmerdine were nominated for Directors of the corporation, to held office for the ensuing year, or until their successors shall have been elected and qualified.

No other nominations havin; boom made, a motion was made and socondoi that the nominations be closed. The poll was declared open by the President at 11:45 o'clock a.m., and the stockholders premared their ballots and delivered them to the Inspectors.

On motion by H. P. Hiller, seconded by T. H. Edison, and by unanimous affirmative vote, the reading of the minutes of the Directors' motings held since the moeting of the stookholders on June 10, 1926, use dispensed with - the minute book being left open for inspection by sayone desiring to do so.

On motion by Er. Henry Langhan, seconded by Mr. Wm. H. Beadoworoft, the following resolution was unanimously adopted:

RESOLVED, that the acts of the Directors and Officerone healf of this corporation as set forth in the minutes of the Directors' mostings held since the annual meeting of the Stockholders on May 28, 1925, be and the same are hereby approved, ratified and confirmed.

During the balance of the hour that the poll was required to be kept open Mr. Charles Blison reported on the results obtained from operations during the year 1926. During 1926 the production of fin-hand commont was 2,095,501 bbls., as compared with the previous year's production of 2,166,472 bbls. The lower production was brought about by adverse quarrying conditions. These conditions, as well as the increased price of cond during the latter months of the year were mainly responsible for an increase in the cost of cement, amounting to .077 per bbl.

The shipments of finished cannot for the year 1926 were.

2,276,161 barrels (86,709 bbls. purchased from other manufacturers.)

The shipments for 1926 were 2,102,195 bbls. Because of keener competition, and the outrance into the market of cament from foreign

Ountries, the average solling price for 1926 was \$1.738, as compared with \$1.782 for 1926.

Because of higher costs and lower sales prices the Profits for 1926 were lower than for the previous year. The figures before doduction for Pederal Income Tax are 1926 - \$115,800.99 and 1925 - \$339,050.95.

Mr. Blison further stated that up to May 31, 1927, our sales in barrels exceeded the sales for the same period in 1926. However, because of the competition already mentioned the average price in 1927 was \$0.169 as compared with \$01.78 in 1926. While the costs for 1927 continued high the indications were for lower costs during the balance of the year.

While conditions in general in the Cement Industry were not so favorable, Mr. Elison expressed confidence in the shifty of the Elison Portland Cement Company to hold its own and ultimately resume the favorable progress of 1923, 1924 and 1925. We have a Sales organization equal to any in the industry, which is proven by the fact that this year when many companies are worrying about large inventories, our company was compelled to purchase cement from other manufacturers so that we might fill the orders resolved.

He stated further, that the prespects for lower costs were very favorable. Rocent changes in our Mill organization have already shown evidences of greater efficiency. Also, during the present year we should gain full advantage of the extensive improvements which have been under way for the past three years.

The poll having remained open at least one hour, was closed and the Inspectors presented their report in writing showing that the following gentlemen received the number of votes set opposite their re-

spective	nameo:	Number of Wot
	Theron 1. Crane Gharles Elicon Thomas A. Elicon Thodore M. Elicon Henry Jamahan Herry F. Miller John W. Millor Uh. H. Meadoworoft WM. A. Shelmordline	224529 224529 224529 224529 224529 224529 224529 224529 224529 224529



The fresident thereupon declared the above named gentlement duly elected Divetors of the corporation, to held office until the max annual meeting, or until their successors shall have been elected and cualified.

The Socrotary was then instructed to insert in the minute book, for the purpose of reference, the following papers:

- 1. Copy of the notice of the meeting called for May 20,1927.
- 2. Form of Proxy.
- 3. Inspectors' Oath and Report.

There boing no further business, on motion regularly made and seconded, the mooting adjourned.

Road and Approved:

T.A.S. Thosaldison

T. E. Theodore M. Edison

H. Z. H. H & Well.

T. W. W. W. Meadownoft

Z.H.3.

Att Excert.

Edison Portland Centent Co.



ORANGE, N.J.U.S.

May 2, 199

To The Stockholders of THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edison Fortiand Cement Company will be held on Friday, May 26, 1987, at 130 o'clock P. M., Daylight Saving Timo) at the principal office of the Corporation, Edison Laboratory, corner of Lakestic Avenue and Main Street, West Orange, New Jersey, for the purpose of electing a Beard of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your sigasture, duly witnessed, to the enclosed proxy and return it in the enclosed stamped

Yours very truly,

H. H. ECKERT,

Secretar

PROXY KNOW ALL MEN BY THESE PRESENTS: That I, the Subscriber, do hereby constitute and appoint Mr. Charles Edison or Mr. H. F. Miller my true and lawful attorney in my name, place and stead, to vote upon all the stock of The Edison Portland Cement Company owned by me or standing in my name, as my proxy, at the annual meeting The state of the s of the stockholders of the said Corporation to be held at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Main Street, in the Town of West Orange, State of New Jersey, on May 29, 1927, at one thirty o'clock P. M. (Daylight Saving Time) of said day, or on such other day as said meeting may thereafter be held by adjournment or otherwise, according to the number of votes I am now or may be then entitled to cast, hereby granting the said attorney full power and authority to act for me and in my name at the said meeting or meetings, in voting for Directors of the said Corporation or otherwise, and in the transnetion of such other business as may come before the meeting, as fully as I could do if personally present, with full power of substitution and revocation, bereby ratifying and confirming all that my said attorney or substitute may do in my name, place and stead. IN WITNESS WHEREOF, I have herounto set my hand and seal this.....

COUNTY OF ESSEX Mesers. A. W. Walker and J. R. Oshorn they will relate the property and impartably profront do duties of impactors of Thotion at the elaction to be held this day for Directors of THE BRIGHT CHAPTER AT THE ATTEMPT OF THE SERVICE OF THE SER Subscribed and eworn to before me this 27th day of May, 1927. We, the undersigned, Inepectors of Election, report that, having taken oath impartially to conduct the election of Directors of the abovenamed corporation, we did receive 224.42.2 votes of the stockholders by ballot, and that the following persons received the number of votos set opposite their names, to wit: For Directore Number of Votes Theron 1. Crane 224.529 Charles Edison 224.529 Thomas A. Edison 224,529 Server in a Air Craw teachering as 224,529 Theodore M. Edison Vm. H. Meadowcroft 224 529 224, 529 Harry F. Miller John V. Miller 224,529 224.529 Hanry Langhan .. Janes of the salver may her these to 1 437 J.R. Osborn

MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held, pursuant to notice, Tuesday, May 31, 1927, at 11:00 o'clock

a.m., at the principal office of the corporation, West Orange, N. J.

Present: Charles Edison, Prosident: Thomas A. Edison.

Thoodore M. Edison, Henry Lanshan, Harry F. Miller,

John V. Miller, Wh. H. Mesdoworoft, Directore; H. H. Eckert. Secretary:

Vice President & General Managor. W. D. Clove,

The meeting was called to order and presided over by the Prosident, Mr. Charles Elison.

The Precident stated that one of the objects of the meeting was to elect officers of the corporation to hold office until the next annual meeting or until their successore are elected.

The Secretary then read the list of officers provided for by

the By-laws of the corporation, as followe:-Chairman of the Board of Directors

President. Such Vice Presidents, including a Vice President in Charge

of Purchasee, as may be determined upon by the Board of Directore General Manager, Treasurer.

Secretary. General Counsel, Such Assistant Treasurers as may from time to time be determined upon by the Board of Directors. Such Assistant Socretaries as may from time to time be determined upon by the Board of Directors, such other officers as may from time to time be deter-

mined upon by the Board of Directors. On motion by Mr. H. F. Miller, seconded by Er. Meadowcroft, and by unanimous affirmative vote, the following gentlemon were elected

to fill the offices set opposite their respective names:-

MESSET WER TO STATE

over L. V. Walker and at. R. Osborn

being severally sweep mon their separation on excellent some first force of the several some first force of 11 Self-beildy, issues; and impositely sweep several self-beildy, issues; and into the several several self-beilder of several self-beilder of several self-beilder of several self-beilder of several self-beilder several self-beilder several self-beilder several self-beilder several self-beilder self

undgerthod that swam to bornes me that .23% dig: of ten, 1839.

We, the undereigned, incomton of M. Stier, report that, having taken oath hearthly bearded for jointly of Aberduer of the chorn maned comfortion, a lid wooden 224,020 uses of the chorn built, and that an influence person wester, the area of the copy opposite that a more, built, built, and that a move, built or western the area of the copy opposite that move, built or all and a second of the copy of the

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Theren L. Grana

Charles Edison Thomas F. Eslipar

Theodora M. Edison

Var. H. Muadoweroth Hacey E. Millee.

John V. Miller

Hanry Lanahary .. Mm H. Shalmerding

R. Oobon

224,529

224529

Thomas A. Edison - Chairman of the Board of Directors

Thomas A. Edison
Charles Diison
W. D. Cloos
Ralph H. Allen
Vice President and General Manager
Vice President, also

ph h. Allen Vice President in Charge of Purchases

C.S. Williams, Jr. - Vice President Albort C. Bruff - Vice President and Manager New England District Rawsond A. Wotzler - Vice President and Manager New York District

Henry F. Miller - Treasurer
H. H. Eckort - Secretary
Henry Landhan - General Counsel
E. H. Fhilips - Assistant Treasurer
J. C. Laque - Assistant Treasurer

J. P. Doig

F. C. Erwin

- Assistant Secretary - Assistant Secretary

Mr. J. Hansell French was re-appointed Manager of the Fhiladelphia District.

Hr. Charles Edison stated that the contemplated absence of the Treasurer on an extended trip, and in order to provide for any future amongencies of like nature, it was thought advisable to appoint an additional Assistant Treasurer, and he therefore proposed that Hr. John V. Millor be elected Assistant Treasurer.

On motion regularly made and seconded, the following resolution was unenimously adopted:

RESOLVED, that Mr. John V. Miller be and he is hereby olected Assistant Treasurer of THE EDISON PORTLAND CREAT COMPANY, to hold office until the most regular annual meeting, or until his successor shall have been cleated, unloss his office shall otherwise become weamth.

Hr. Charles Diison stated that the issue of \$1,500,000

First Borkege Gold Sonds of this company will fall due on April 1,

1929. He stated that he had had this matter under consideration
and had discussed it with other directors and efficers of the company; that the company could not hope to have sufficient free funds

available by that date for this purpose without refinancing of a

character involving considerable expense; that therefore it was

desirable to obtain the consent of holders of bonis to an agreement whereby the due date of the bonis would be extended to April 1, 1934, it being understood that the semi-annual interest payments at the rate of 65 would continue over the extension period.

Mr. Edison submitted to the Board a copy of a proposed agreement carrying out the provisions mentioned above and recommended that the Board approve the same and authorize the proper orficers to secure bondholders' signatures to such agreement.

On motion regularly made and seconded, the following resolutions were unanimously adopted:

RESGUED, that the proposed agreement hereinafter set forth providing for the extension for the time of payment of the bonds of this ompany until April 1, 1934, be and the same is hereby approved, said proposed agreement boing in the following form and tenor:

WHITE AGRESSION, made the first day of Jume, 1927, or in the County of party of the first part, hereinstreadled the "SouthOndor" and THE EDISON POSTARD COMBET COUNTY of the stelled the "SouthOndor" and THE EDISON POSTARD COMBET COUNTY of the stelled that contains county of the stelled that the county party of the stelled that the county party of the county of the stelled the "County", mad Fight? WHITE THUST COUNTY, of Newsk, New Jersey, party of the third part, hereinstreadled the "December of the third part,

"HIRREAS the Company did, on March 2, 1904, execute and deliver to Williamsburgh Trust Company, corporation organized and existing under the laws of the Otto State Province, a contain mortgage and deed of the Details properly as therein particularly described the Payment of the principal of the Milliamsburgh of England (3, 1900, 00) Dollars of bossis on principal of the Payment of the principal of the Company of the Payment of the principal of the Company of the Payment of the principal of the Company of the Payment of the Pa

"MINIMAS thereafter, and on or about the 25nd day or large, 181, and illimensum frust Company tondered its resignation as frustee under the enid mortgage and doed of trust, which and resignation as frustee under the enid mortgage and doed of trust, which and resignation mas duly accepted, and Filolity Trust Company [mor Fieldity Davis Press of the Company under some and State of New Jorsey, was duly appointed and constituted as the concessor in trust of said Williamsburgh frust Company under a concessor in trust of said Williamsburgh frust Company under a concessor in trust of said Williamsburgh frust Company under a concessor in trust of said Williamsburgh frust Company under a but and appointment was duly accepted by said Fidelity Trust Company by a writing dated Energy School Scho

"MERRIAS the Company is now the owner of the premises described in said mortgage and deed of trust; and

"WINERAS the Company proposes, and pickelity Thion Trust Duspany, as Trustee, reconnocide, that the time for the papement of all of the bonds issued under and source by the said unortange and doed of trust be extended until the first day or April, 1984, and that the terms of said mortgage and deed of trust and of the bond that the terms of the bonds of the bond in the manner horeinster provide the bonds of the bond of the bond interfer provides.

"MON, THEREFORE, in consideration of the sum of One (\$1.00) bollar and other good and valuable considerations to each by the other in hand paid, the receipt whereof is hereby acknowledged, the partice hereto hereby mutually covenant, premise and agree to and with each other as follows:

"The Bondholder does hereby assent to, authorize and agree that the provisions of the said mortgage and deed of trust and of the bond or bonds owned by the Bondholder, be so modified as to provide that the time for the payment of the principal sum of said bond or bonds be extended to the first day of April which will be in the your One Thousand Nino Hundrod and Thirty-Four with interest thereon at the rate of six por cent. por annum, payable semi-annually on the first days of April and Octobor in each year during such extended period, and that the principal and interest as aforesaid and the interest represented by the coupons now attached to said bonds shall be payable at the office of the Trustoe, Newark, New Jersey; and that each of said bonls shall have attached thereto, upon presentment at the office of the Company at Test Orange, New Jersey, additional coupons for the payment or interest as aforosaid, and the Bondholder agrees to present each of said bonds owned by him at the office of the Company, at West Orange, New Jersey, upon propor requost and notification from the Company; and that each of the bonds when so presented to the Company shall be stamped or endorsed as

when time for the payment of this Bond, No. is extended until the first day of April, 1894, fogether with interest thereon according to the terms of the additional coupmen hereto attached, subject to all the terms and conditions of the said bond and of the mortages and deed of trust between The Bisson Torland Common Company and Ellismsburgh Trust Corpusy, detail Enroh End, 1904, as modified by agreement detail June 1, 1907, and 1904, as modified by agreement detail June 1, 1907, and the bonds secured by the said mortages and deed of trust and outstanding on the said June 1, 1907.

"The place for the payment of this bond and all interest thereon shall be at the office of the Fidelity Union Trust Company, Newark, New Jersey, or at the office of such successor trustee as may be hereafter duly constituted and appointed.

The Edison Portland Cament Company,

Liver and between manager and and

ву

Treasurer."

"The Bondholder does further hereby assent to, authorize and agrees that the provisions of said northige and doed of trust and agrees that the provisions of said northige and doed of trust and the said agree of the said and the said article requires passent by the Company from the obligations imposed by Article III of the said northiges and doed of trust, which said Article requires passent by the Company to the Trustee of the sum of Swenty-fur Housand (575,000.) Dollars samually, said modification to be effoctive immediately upon the execution of this egreement, and the Swindelse loss horeby also waive any and all prior defaults under the terms of said Article III.

"The Company hereby agroes that it will pay on the first day of April, One Thousand Nine Hundred and Thirty-four, the principal of every bond issued under and secured by said mortgage and deed of trust and also that it will pay the interest on said bonds at the dates and place and in the manner specified in such bonds or in the coupons thereto belonging, including the additional coupons to be attached thereto as herein provided for, according to the true intent and meaning thereof, as hereby changed and modified, without deduction from either principal or interest for any tax or taxos imposed by the United States, or by any State, county or municipality, and which the Company may be required to pay or retain therefrom, under or by reason of any present or future law. The interest on the bonds shall be payable only upon presontation of the several coupons for such interest as they respectively mature, and when paid, such coupons shall forthwith be camceled. The place for all of said payments, both principal and interest, shall be the office of the Fidolity Union Trust Company, Newark, New Jersey, or at the office of such successor trustee as may be hereafter duly constituted and appointed.

The company further agrees that it will from time to time, during the extended period, pay and discharge all taxes, associaments and governmental engage learning the second upon the interests of the governmental engage learning to the second upon the company to the symbolic time the sail mortgage period the domestic the company to pay any such tax, associament or observe as loor, as the Company shall in good faith and by proper legal proceedings contact the wallstip thereof:

"And it is Turther agreed that the Company from time to time, on written demand of the Trustee or its successor or successors, shall make, do, execute, acknowledge and deliver all such further acts, deeds, conveyances and assuremones in the law as may be reasonably desired or required for effecting the intention of these presents.

"It is further understood and agreed that upon this am illusinstruments being signed by the holders of a majority in amount of all the bonis secured by the said mort age and deed or that and understand understand and the second in the terms of the second in the second of this agreement shall apply to and be binding upon all of the crust of the second in the second

"It is further agreed that, except as herein changed or modified, all the rights, duties and privileges required of or accorded to the parties hereto, by the said mortgage and deed of trust shall remain in full force and effect.

"IN ULTRESS UREEGE the Scattledfar has set h hand and seal, and the Company and the Trustee have omnest these presented to be subscribed with their respective corporate. The their respective corporate and the their respective corporate and the their respective corporate seals and attested by any of the their respective corporate seals and attested by and year first above witten.

Signed, sealed and delivered in the presence of:

		L.S.
		THE EDISON PORTLAND CEASING COLPANY
		Ву
ATTEST:		Prosident
	Secretary	
ATTEST:		PIDELITY UNION TRUST COMPANY
	Socrotary	By

At the roquest of Mr. closs, on motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Fortland Comment Company does hereby approve and retily the action of Ur. Balph H. Allen, Vice President in Garge of Purchases, in executing the following orders, copies of which have been numbered and filed with the Secretary of this corporation:

Author.	Order No.	Vendor	Quantity & Material	Unit Price	Total Expenditure
C-296	3673 Bates	Valve Bag Co.	160,000 Paper Bags	\$48.53 H	\$7,764.80
0-297	3674 Jaite	Company	160,000 " "	48.50 1	7,760.00
All in a	accordance	with the terms	and conditions conta	ned in said	l orders.

Mr. Charles Edison stated that it had become necessary to further open the Comment Rook quarry adjacent to our present operations, and that it was considered advisable to let out the stripping to an outside party, rather than doing it ourselves. A desirable figure had been obtained from a contractor manual Hugh Simenton at the rate of 45% per ouble yard for all material lying above the surface formed by the highest projections of bed rook, and 75% per ouble yard for all material requiring excessive hand labor. Mr. Edison submitted a copy of the proposed agreement with Simenton, and requested the authorization of the Soard

On motion regularly made and seconded, the following

resolution was unanimously adopted;

"MEMOLYME, that the proper offices of this corporation is hardly anthorized to accord an agreement with Nuch Simuniton, of Memolium and the second of the material over the second root on the area outlined in root on the blue print accordancy might seprement, and all in accordance with the terms and conditions contained in said agreement, a copy of which has been numbered and fined with Secretary of this Corporation as Authorization No. 2870.

Mr. Gloos presented an estimate sheet, No. 210, together with General Specialifications covoring the installation of necessary material to provide better working conditions at the discharge end of the present kilms. He further stated that it would improve the kilm output, decrease mintenance costs, decrease explosive hazards, saving in horse power, eliminate large coal bins, and provide space for the installation of additional sections to kilms, increasing their lengths and dismeter at discharge ends, thereby increasing output. The total estimated expenditure is not to exceed \$55,178.00.

Er. Gloos also stated that this matter had been taken up, with the President, Er. Charles Elison and some of the Directors, and he now desired the authorisation of the Seard to an appropriation to cover

On motion regularly made and seconded the following resolution was adopted:

RESOLUTE, that the Board of Diroctors of this Obrproxim does hereby authorise the proper officers to proceed with certain installation of material and equipment to provide better working conditions at the disohange and of the present kilms, in secondense with instanate Shoot ho. 210 and downed Specification makes and filed with the Secretary of this Corporation as Authorisation No. 2-296, and providing for the following:

- 10 New Coal Bins
- 10 New Coal Feeders
- 1 Now 5" Transport Line
- 2 Blowers

Working Platform Dismontling, Electrical clean-up, etc.

Total Exponditure not to exceed \$53,178,00.

Er. Charles Bison stated that in addition to the stripping required for the extension of our Coment Bock Quarry, it would also be messary to make certain other changes to make the new section available for our use. These changes will necessitate an estimated total expenditure of \$27,012.00, which amount covers the following items:
Estimate \$228 - Covers all Labor and Material necessary

to install complete a 14" C.I. Water Fips Line - 2400' in longth, approx. \$12,611

Estimate #231 - Covers all Labor and Material necessary to build complete Pump House and Dam, and to make all commections from your to new

14" line. 5.500

Estimate #230 - Covers purchase and installation of Electrical Equipment (Wire, switches, conduits, etc.) necessary for pumping

station and transmission lines.

Estimate #232 - Covers purchases and installation of one 50 H.F. Motor and all necessary parts to operate same.

2,618

6.083

On motion regularly made and seconded, the following resolution was adopted:

RESOLVED, that the proper officers of this Ourporation be and they are horeby authorised to proceed with the installation of the le' mater pipe line, pump housesand dem, at a cost not to sweed 287,020, all in scoremon with Estimate Sheeter Sheeter Sheeter Sheeter Sheeter and the standard Sheeter Sheeter Sheeter Sheeter Sheeter of this Corporation as Authorisation No. 0-294.

Mr. Closs presented and read a Purchase Order, \$3564, amounting to \$17,225.61, for work performed at our plant at New Willage by the D. L. &. W. R. R. Company. Hr. Closs pointed out that approximately \$10,000 or the total of this order was for work necessary in connection with the Sag-House and Pucking Stations project, an appropriation for which was authorized by the Seard of Directors July 17, 1925, calling for a total expenditure estimated at \$225,000. The balance of the Purchase Order is to cover the cost of laying tracks for the handling of incoming materials, mostly coal and gygenus.

On motion regularly made and seconded, the following resolution was adopted:

MINUTES OF A MEDTING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Monday, June 27, 1927, at 11:00 o'clock a.m., at the principal office of the corporation, West Grange, N. J.

Present: Charles Blison. President;
Thomas A. Falsen.
Theodore H. Blison.
Henry Lamahn.
We. H. Hondoweroft.
John V. Tillor.
H. H. Ebkert,
W. D. Oloos, Yico Preside

W. D. Clooe, Vice President and General Langer.

The meeting was called to order and presided over by the Procident, $\mbox{Mr.}$ Charles Edison:

The minutes of the meeting held May 31, 1927, were read and approved.

Hr. Charles Blison called attention to the fact that on July 17, 1928, an appropriation of \$228,000 had been authorized by the Seard of Directore for the erection of a new Bag House and Packing Stations with Equipment, Grading and Track Work incidental thereto; this work to be divided under the following general headings:

1. Grading and Track Work.

2. Erection of Bag House and Packing Stations. 3. Equipment of Bag House and Packing Stations.

Since that date the Board has from time to time approved of expenditures for work on this project totalling \$221,112.20. He stated further that with the work covered by the D. L. &. T. R. R. amounting to \$10,000,
as contained in the resolution passed by the Board under date or Hay 31, 1927,
the entire Bag House and Packing Stations project has been completed, and the
total cost approximates \$250,000. The principal causes for an increase of
\$135,000 over the original estimate of \$225,000 lie in changes in plans and

specifications brought about after the work had been started. In general

those changes are summed up as follows:

A cost plus contract was awarded the Public Service Production Co. for the crostion of buildings. The Public Service Co. estimated a total of \$74,054, but the actual figures reached \$116,000, or an excess of

\$42,000

The original estimate for Machinery and Equipment was 375,000, but the final figures totaled \$94,000, or an excess of

19.00

The belance of the excess over the original saturant is brought about by a change in the Consequent System. Because of miscalculations of outside origineers a bolt system had to be substituted for the Fullor-Hinyon Convoying Systems. Those oftenings exceeded the original estimates by 74,000

The entire project has now been completed and Mr. Charles Edison recommended that the Board of Directors authorize and ratify the exponitures totalling JSG0,112.20 to cover the erection and equipment of a new Sag House and Packing Stations, together with the mecosary Gradin, and Frack work.

On motion regularly made and seconded, this following resolu-

REMOLEM, that the Board of Directors does hereby authorise and ratify the exponsitures totalling 1550,112.20, to over the exciton and equipment of a new Bag Hause and Packing Stations, together with the measurang Grading and Frack Dark, which implude \$29,000 to complete the Bag House and Facking Stations projects.

Er. J. V. Filler stated that on June 3, 1925, the Board of Directors authorized Hiss K. J. Laubery, to sign checks drawn on the funds of this Corporation carried in its account known as "Thiladelphia Sales Office Account." in the Benk of North America and Trust Company, Fallbackets. De.

As Higs Loughery has resigned and Miss E. S. Fhillips has been appointed in her stood, it is meassary to revoke the above mentioned resolution and authorise Miss Fhillips to sign checks on said account-

On motion regularly made and seconded, the following resolu-

tions were unanimously adopted:

RESOLUED, that the resolution adopted by the board of firectors of this Corporation on June 3, 1925, [No. -202], authorizing Hiss K. J. Loughery to sign and Hr. J. Ransell Prench to countersign checked frow on the runds of this Corporation, carried in its necessary on the properties of the control of the properties o

greatous that addition to the powers and authority given to certain officers of The Bision Fortland Coment of the Size Portland Coment at the Size Polyment, as provided by its By-laws, authority is horeby generate to Miss Z. S. Jhilips to sign and it. J. Hamcell French account, with the Bank of Horth America and Trust Company, Fhiladelphia, Pa.; provided, however, that melther Hiss S. S. Fhilips now Er. J. Hamcell French handle hadel have any authority to emdorse for deposit in, or collocation by, said covered for the Size Size Polyment Company.

Mr. Charles Elison stated that in addition to the resolution passed April 11, 1927, authorising the purchase of 100,000 harvels of cement from the Penn. Dixie Fortland Coment Company, it had become mocessary to purchase additional quantities of cement, not to exceed 200,000 harvels, from the Hazareth Coment Company, Nazareth, Pa., at 31.40 per barrel, f.o.b., shippers plant, we to furnish our own bags. Total expenditure not to exceed 2820,000.00.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Soard of Directors of this Corporation does hereby authorize the proper officers of this Companyto purchase additional quantities of commont, not exceeding 200,000 barrels, from the Reamerth Geomot Company of Banareth, Fa., at \$1.40 per barrel net, f.o.b., shippers plant, us to supply our our bags.

At the request of Mr. Cloos, on motion regularly made and seconded, the following resolution was unanimously ddepted:

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held Monday, August 1, 1927, at 11:00 o'clook a.m., at the principal office of the corporation, West Grange, N. J.

Present: Charles Elison, President;
Thondore M. Elison,
Th. Mod. Normort,
Tohn V. Miller,
H. H. Eckert,
W. D. Cloos, Vice Fresident and
Genoral Manager.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The minutes of the meeting held June 27, 1927, were read and approved.

Mr. Eckert presented bills from Wh. G. O'Neill & Sons, Insurance Erokers at 309 Ealnut Street, Fhiladelphia, Pa., covering fire insurance on Buildings and Contents, totalling \$15,962.64, which it was necessary to pay on July 11th, and requested the ratification of the Board of Directors thereto.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors does hereby approve and ratify the action of the proper officers of this composition in paying Mr. 0. O'Bellid Sons, Insurance Brokers, 309 Malmut Street, Philadelphia, Pa., bills covering insurance with this company as follows:

June 6, 1927 - Additional Premium upon auditing of payroll by the Insurance Company's Auditor, covering Public Liability

Jan. 4, 26 to Jan. 4 27. \$162.17

Lay 31, 1927 - Renewal of \$2,430,730 Fire Insurance under the General Form for one year.

covering buildings and contents, 1:
Less Credit:
March 31,1927— Covering cancellation of Liability
A Property Demans insurance on

& Property Damage insurance on Fordson Tractor, Return Premium, 27.18
Total expenditure 27.18

Mr. W. D. Close requested the Board's approval to certain

purchase orders, and on motion regularly made and seconded, the follow-

ing resolution was unanimously adopted:

RESOLVED, that the Road of Directors of The Ridson For Hallon and Company does hearly approve and vatify the sation of Hr. State of Hr.

Order No	Vendor						
4145 4144 4146 4150 4149	J.L.Moran Co. Coleman & Co. Vetterlein Fuel Sitnek Fuel Maratti Coal	500 500 1000 1000	**		0000	1.00	\$5,700.00 1,500.00 500.00 1,000.00
4147	Bartha Consumers	1000	*		G	1.00	1,000.00
4148	Elk River Coal & Lumber Company *(Takes 15# higher	1000 freight		.)	e	.85*	850.00

4306 Jaite Company, approx 160,000 Eags @ \$48.50M 7,760.00 4289 Eates Walve Eag Co. " 160,000 " 3 48.53M 7,764.80

All in accordance with the terms and conditions contained in eaid orders.

There being no further businese, the meeting adjourned.

C.E. Charles disen.

T.M. E. Fleston M. Edison

H.L. H.Z. Still

THE WIL MEasownift

W.H.S.

At Excet

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held Thursday, September 29, 1927, at 11:00 o'clock a.m., at the principal office of the corporation, Test Orange, N. J.

Present: Charles Edison, President;
Thomas A. Edison,
Henry Landsen,
W. R. Seeden etc.
Henry Control of the Control of Control Manager.

The meeting was called to order and presided over by the president, Mr. Charles Edison.

The minutes of the meeting hold August 1, 1927, were read and approved.

Hr. W. D. Cloos requested the Soard's approval to cortain purchase orders, and on motion regularly made and ecconded, the following resolution was unanimously adopted:

RESOLVED, that the Souri of Directors of The Ellenn section of Ent. In Souri of Directors and rathy the settlen of Ent. Balph in the Propriet and analytic section of Ent. Balph in the Producent in Change of Purchase Days in Souries of Souries

Authoriza- tion No.	Order No.	Company	Tons	Amount
C-305-a C-305-b C-305-c C-305-d C-305-d C-305-f C-305-g C-305-h C-305-1 Total Exp	4886 4887 4888 4889 4890 4891 4892 4911 4893	Blue Ribbon Coal Co. Consolidation " " Burno Fuel Coal Co. A. G. Maretti Coal Co. Colemna & Co. Elk River Coal & Lumber Burtner Coal Co. Continental Coal Co. Colemna & Co. Not to exceed	1500 1000 3000 1500 1000 1000 2000 1500	\$1,800.00 1,250.00 3,600.00 1,800.00 1,250.00 1,250.00 2,500.00 2,175.00 \$16,725.00

MINUTES OF A HEETING OF THE BOARD OF DIRECTORS OF THE HELISON FORTLAND CEMENT COMPANY

Held Friday, October 28, 1927, at 11:00 o'clock a.m., at the principal office of the corporation, West Orange, N. J.

Present: Charles Edison, Preside

Henry Lenahan, E. H. Meadoworoft, Harry F. Miller, John V. Hiller, H. H. Eckert,

W. D. Cloos.

Directors; Secretary; Vice President.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The minutes of the meeting held September 29, 1927, were read and approved.

Mr. Closs stated that we are now purchasing Ossent in excess of the quantity suthorized by the Seard of Directors (Agril 11, 1927, - 100,000 barrels, and that he was unable at this time to toll exactly our future requirements from outside companies. He therefore asked that the Soard authorize the purchase of additional ossent, not to exceed 100,000 barrels, with the understanding that those purchases; would be held to a minimum. He also stated that at the end of the shipping cossens minutes would be put through covering those purchases from the individual companies.

On motion regularly made and seconded, the following resolution was unanimously adopted;

RESOLVED, that the Board of Directors of this corporation does hereby authorize the proper officers of this company to purchase from cutside oceant companies a quantity of coment not to exceed 100,000 barrels; the total expenditure not to exceed \$140,000. RESOLVED, that the Board of Directors of The Edison Portland Company does horsely approve and ratify the action of Mr. Ralph H. Allon, Vice Precident in Charge of Purchases, in executing the following Purchase Ordere, copies of which have been numbered and filed with the Secretary of this Corporation:

Authoriza- tion No.	Order No.	Company	Tons	Company
C-308-A	5284	Sitnek Puel Co.	1500	\$1,575.00
C-308-B	5286	A. G. Maretti Co.	2000	2,100.00
C-308-C	5288	Hoffman Coal Co.	1500	1.575.00
C-308-D	5342	Continental Coal	500	500.00
C-308-E	5283	Moreland Coal & Coke Co.	1500	1.575.00
C-308-F	5287	Vanderbilt Coal & Coke Co.	1500	1,575.00

Not to exceed \$11,000.00

All in accordance with the terms and conditions contained in eaid ordors.

There being no further business, the moeting adjourned.

Read and Approved
0.3. Charles Caren 4
C.S. Lhansldson
2. H. E. Theodore M. Ediso
H.L. Heure Lanahan
JI MILL

Wyf Measowcion

W.H.S.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CENTRY COMPANY

Held Wednesday, January 11, 1928, at 11:00 o'elook a,m., at the principal office of the corporation, West 0 range, N. J.

1.0		
Present:	Charles Bliem,	President:
	Theodoro M. Edison,	
	Henry Lanahan,	
	W. H. Meadoworoft,	
	Harry P. Millor,	
	John V. Miller,	Directors:
	H. H. Eckert,	Scoretary:
	W. D. Close,	Vice Presi

ecters; Scoretary; Vice President.

The meeting was called to order and prosided over by the

The minutes of the meeting held October 28, 1927, were road

and approved. Mr. Charles Edison announced that he had accepted the

resignation of Mr. William H. Shelmerdine, as Director of this corporation, effective December 16, 1927.

President, Mr. Charles Edison.

Mr. Edison then nominated Mr. Ralph H. Allen as Director to hold office until the next regular annual meeting, or until his successor shall have been elected and qualified. The nomination was seconded by Mr. Harry F. Miller, and by unanimous affirmative vote Mr. Ralph H. Allen was elected as a Director of the corporaMr. Harry F. Miller stated that if has been the ouston of this company to procure, a lean from Thomas A. Edison, Incorporated, in amounts as required from time to time to cover our winter operations, and requested the approval of the Seard of Directors to the proper officers of Edison Portland Comment Company arranging for a lean of \$600,000.00 at 6 percent interest from December 1, 1927, to May 31, 1928, which would include the belance of notes umpaid at the end of November, 1927, approximating \$200,000.00.00

On motion regularly made and seconded, the following resolution was unanimously adopted.

RESOLUTE, that the proper officers of Edison Portland General Coppusy he and thay are hereby authorised to borrow up to but not acceeding 5000,000 from Thomes A. Edison, Incorporated, in somulas as required from time to time to cover our winter operations from Bosenber 1, 1987, to IMs 31, 1988, interest on the amounts borrowed to be payable monthly at the rate of 6 percent per manus.

II. Close stated that as a result of conforences between our Insurance Stokers, our own men and the Superintendent of the Engineering Department of the Schedule Rating Office, a plan had been devised whereby, after making even changes in our Present fire protection system, we would effect a saving of around \$8,500.00 per amount on our insurance pressums.

The total cost of the proposed charges necessary to gain this saving has been estimated as follows:

Cost of Pipe Excavating, etc., Installation of Pipe Connections at Pump House \$4,000.00 2,000.00 486.00 200.00 \$6,686.00

Mr. Close further stated that he thought it advisable to buy a new centritugal pump, which will allow us one pump available at all times for fire protection. The estimated cost of the pump would be around \$2,600.00.

The total installation, including the pump, would cost around 69,286.00, which is slightly in excess of the savings wo will obtain on the first year's operation.

Mr. Cloos stated that he was in favor of going ahead with this work as soon as possible so that we could begin realizing the eavings.

On motion regularly made and seconded, the following resolution was unanimously adopted:

ENDIFIED, that the Board of Directors of this Composition can be already approxe and ratify the action of its proper officers in expending an ascent not to exceed \$9.850.00 for the installation of a new or fire line and a new centrings] pump, in accordance with the recommendations of our Director of the providence of

Mr. Close also stated that in accordance with a resolution passed at a meeting of the Board of Directors, October 28, 1927, authorising the purchase of Coment from outside Coment companies, he now desired the approval and ratification of the Board to the purchase From the individual companies. On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this corporation does hereby approve and ratify the action of its propr officers in purchasing during the period from April 1, 1927, to December 1, 1927, Coment from outside concorns as follows:

Penn-Dix1e Qement Corpn.	Barrols Amount	121,515	194,808.1.5
Maxareth Comment Company	154,407	231,511.25	
Finonix Portland Gement Co.	25,224	351,914.00	
301,137	361,194.01		

All in accordance with resolutions passed April 11, 1927, June 27, 1927, and October 28, 1927.

Hr. Rokert stated that an agreement had been entored into between this corporation and the American Telephone and Telegraph Company of New Jersey, dated November 30, 1927, for the purpose of permitting a relocation of a part of the telephone and telegraph line now across the Coment Company's property, which agreement modifies and supplements a provious agreement dated November 15, 1923; and he desired the approval and ratification of the Sound of Directors to its execution.

On motion regularly made and seconded, the following resolution was unanimously adopted:

REMOLVED, that the settem of Mr. Halph H. Allon, vice Possidaes, in second try on bonks of the Delicom Fortima Comment Company; on bonks of the Delicom Fortima Comment Company of the United Secondary Company and the Associate Telephonics on Fortima Company and the Associate Telephonics of Telephonics on T

IIT. Eckert also presented a letter from The Real Estate - Land Title and Trust Company of Filladelphie, Fa., advising that on October 31, 1927, the Land Title and Trust Company, togother with the West End Trust Company and the Real Estate Title insurance and Trust Company (which company is Registrar for The Edison Fortland Compant Company) morged into The Real Estate - Land Title and Trust Company, and requested in order that the new company shall have the proper authority on file, that the following resolutions by passed by the Board of Directors of this corporation.

On motion regularly made and seconded, the following resolutions

WEREAS, the Roal Estate Title Insurance and Trust Company of Philadelphia, has heretofore acted as registrar of the Preferred and Common Stock of this Company; and

WHEREAS, The Land Title and Trust Company, The Seal Estate Title Insurance and Trust Company and West End Trust Company wore duly merged as of the close of uniness on October St., 1927 under the style and title of The Real Estate-Land Title and Trust Company, be

NOW, THEREFORE BE IT RESOLVED, that The Real Estate-Land Title and Trust Company be and it is hereby appointed registrar of the shares of the Freferred and Common Stock of this Company;

RESOLVED FURBLER, that the officers of this Company be and they are hereby authorized and directed to execute any proper form of agreement which may be required to make said appointment effective.

At the request of lir. Clocs, on motion regularly made and and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the Board of Directors of The Editor Forlind Common Company does hereby approve and retire the action of Hr. Beligh H. The Composition of the Company of the Company of the Company of the Company of the comp

Author.	Order No.	Vendor	Quantity & Material	Price Exceed
			(Approx.) Co. 160,000 Paper Ba 80,000 " "	gs \$48.53# \$7,764.80 48.50# 3,880.00 ontained in said ordere

RESOLVED, that the Board of Directors of The Edison Fortland Company, does hereby authorize the following memberships for the year 1928;

Organization	Representative	Dues	
Deal Golf Club	R.A. Wetzler	A1 ==	
Westohoster Biltmoro	R.A. Wetzler	\$175.00	
New York A. C.		250.00	
		165.00	
Engineers Club	"	100.00	
Engineere Club	W.D. Cloos	100.00	
Penn Athletic Club	"	100.00	
American Society for Testing Materials		15.00	
	G. C. Wilensok	15.00	
Boston Chamber of Commerce	A. C. Bruff	40.00	
Toodland Golf Club	**	137.50	
Boeton A. C.	"m	82.50	
Mass. Highway Association	11	5.00	
Northfield Country Club	G. I. Dungan	115.00	
Country Club of Va.	W. W. Hardwick	60.00	
N.Y. Credit Hans Assn.	J.C. LaRue	25.00	
Newark A. C.	E. P. Gaffney		
Carteret Club	J. Loahy	50.00 82.50	
National Safety Council			
Assn. of Highway Officials, N.A. Statos	Company	40.00	
new Jersey Con. Asen.	Company	50.00	
Amorican Concrete Institute		200.00	
Coment Information Bureau	Company	50.00	
Portland Coment Association	Company	2599.68	
Exchange Club, Atlantic City	Company	55000.00	(Est.
Total	G. I. Dungan	100.00	
TOTAL	51	59557.18	

There being no further business, the meeting adjourned.

O.B. Chake Aison

T.A.E.

H. I. Ham, Camatan

H. F. H. Hallille

J. V. H. J. Theodox M. Shio

W.H. L. B' Hate advantal

T. 1. C.

R.H. A. Baph (* Allen

AN Excert

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

*** * * 1

Hold Moniay, February 13, 1928, at 10:00 o'clock a.m., at the principal office of the corporation, west Orange, H. J.

Present: Charles Elison. President:
Henry Lemban,
Ralph H. Allem,
Wa. H. Mesdoworoft,
Herry P. Hiller. Directors;
H. H. Ebkert, Scoretary;
W. D. Oloog, Vice President.

The mosting was called to order and presided over by the Prosident, Mr. Charles Edison.

The minutes of the meeting held January 11, 1928, were read and approved.

Mr. Charles Edison amounced that he had accepted the resignation of Mr. Theron I. Grane, as Director of this corporation, effective February 1. 1928.

Mr. Rdison then nominated Mr. C. S. Williams, Jr., as Director to hold office until the next regular samual meeting, or until his successor shall have been elected and qualified. The nomination was seconded by Mr. Ralph H. Allen, and by unanimous affirmative vote Mr. C. S. Williams, Jr., was elected as a Director of the corporation.

At the request of Mr. Closs, on motion regularly made and seconded the following resolutions were unanimously adopted;

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RESCLVED, that the Board of Directors of The Edison Portland Coment Company does hereby approve and ratify the action of Mr. Ralph H. Allen. Vice President in Charge of Furchases, in executing a certain Purchase Order No.6698, dated January 4, 1928, with the Industrial Brownhoist Corporation, 50 Church Street, New York City, a copy of which has been numbered and filed with the Secretary of this corporation se Authorization No. CD-320, and providing for the purchase of -

Material: One latest model Type D. C. Gasoline operated 15 ton Cramling Tractor Crame, to be built in accordance with specifications.

Price: \$11,065.00 complete f.o.b. Bay City, Mich..

Shipment: One week after receipt of order.

> Above price and delivery are in accordance with quotation of November 23, 1927.

RESCLVED, that Mr. Ralph H. Allen, Vice President in Charge of Purchases, be and he is hereby authorized to exsoute on behalf of The Edison Portland Comsant Company, a estain contract dated February 16, 1928, with the Bag Service Company, Incorporated, Easton, Penna., a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. CD-321, and providing for -

. . . .

Service: Bag cleaning, tying and repairing of re-

Prices: Cleaning and Repairing \$3.50 per M Tying, etamping, tagging, etc., as per contract.

Period: Peb. 16, 1928, to February 16, 1929. Total Expenditurs:

Estimated not to exceed \$25,000.00. All in accordance with the terms and conditions contained in eaid contract.

There being no further business the meeting adjourned.

THE EDISON PORTLAND CEMENT COMPANY

Held Monday, March 12, 1928, at 10:00 o'clook a.m., at the principal office of the corporation, West Orange, N. J.

> Present: Theodore M. Edison, Ralph H. Allen. Henry Lanahan. W. H. Meadowcroft. Harry F. Millsr. John V. Miller, C. S. Williams, Jr.,

Directors: Seorstary; H. H. Eckert, W. D. Cloos. Vics President.

The meeting was called to order and in the absence of the President Mr. Theodore M. Edison acted as Chairman pro tam.

The minutes of the meeting held Pebruary 13, 1928, were read and approved.

Mr. Cloos presented Estimate Sheets Nos. 207, 215 and 226, all of which cover the installation of necessary parts and equipment to improve and inorease our kiln production.

In presenting these estimates Mr. Close stated that a very thorough and comprehensive etudy of our kiln conditions had been made, and it was felt that the plan as outlined on the Estimate Sheete was the most economical and practical method of accomplishing the desired results. He stated further that the plan had been submitted to Mr. Charles Edison and some of the other Dirsctore, and they had approved it.

He therefore requested the authorization of the Board of Directors for an appropriation to cover the expenditure of the following amounts:

Estimate #207 - Covers the purchase of all labor and materials to install complete 5 - 18" \$35,185,00 Drag Chain Conveyore,

> \$215 - Covers the purchase of all labor and materiale to install complete 11 -50 H.P. Motors and 2 Triple Reduction 10,354.52

On motion regularly made and seconded, the following resolu-

tion was adopted:

RESOLED, that the proper officers of this corporation be and they are breedy sutherised to proceed with the purchase and installation of the 5 - 18° Dreg Chain Conveyors, 11 - 50 R.P. Motors including 2 rriple Reduction Speed Reducers, and 10 Hoods with Flatform including 10 kill Sections, at a cost not to susced 50%, 466.52, all in accordance with converse to the converse of the converse of the converse of the converse of the corporation as authorisation No. Cp-528.

Mr. Eckert stated that we had exercised our option to rense the lease of the spring or springs on the leads of David Puresl, deceased, under the same terms and conditions, and he desired the ratification of the Board of Directors to the execution of the new lease, which he thou presented.

On motion regularly made and seconded, the following resolution was unanimously adopted.

BESOLTED, that the Board of Mirestors of the Milson Fortland Genema Compuny does harely approx and mattry the action of the proper officers of the corporation in executing a certain agreement with George A. Pursel, et.als., wherein The Milson Fortland Genet Company leases the spring orputes cituated on the lands of the Late David Pursel course, and the company of the company of

At the request of Mr. Olocs, on motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the Board or Directors of The Edison Portland General Company does hereby approve and raitry the action of Mr. Ralph H. Allent President in charge of Proclasses, in executing the following orders, copies of which have been numbered and rised with the Secretary of this corporation:

Auth. Order Quantity Unit Total RrHo. Ho. Vendor and Material Price penditure
[Approx.]

C-324a 7307 Bates Valve Bag Co. 160000 Faper Bags C \$48.50M \$7760.00 m b 7309 Raymond Bag Co. 80000 Paper Bags C \$48.50M \$880.00 Pap

" o 7310 Teggart Brothers Co. 160000 Paper Bags G 48.50M 7760.00

Total expenditure (estimated) \$19400.00

All in accordance with the terms and conditions contained in said orders.

RESOLVED, that the Board of Directors of The Mison Fortland Common company, does havely approve and realify the action of Mr. Religh M. Allen, Yice President in charge of Twrchases, in executing a certain order, \$7406, with the Benis Brother Mag Co. 61 Breadway, New York City, a cogo which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-334d, and providing for the purchase of:

Quantity and Material: 200,000 Osnaburg Cement Bags

Price and Delivery: \$129.00 per M.f.c.b New Village, N.J.

Total Expenditure: \$25,800.00

All in accordance with the terms and conditions contained in said order.

RESOLVED, that the Board of Directors of the Edison Portland Commant Company, does bracky approve and raiffy the action of Mr. Balph H. Allon, Tice President in charge of Purchases, in executing a certain order \$79.59 with the Pulton Beg Co., Frencklyn, Bow Purk, a copy of which has been unshered and riled with the Secretary of this corporation as Authorization No. OD-Sake, and providing for the

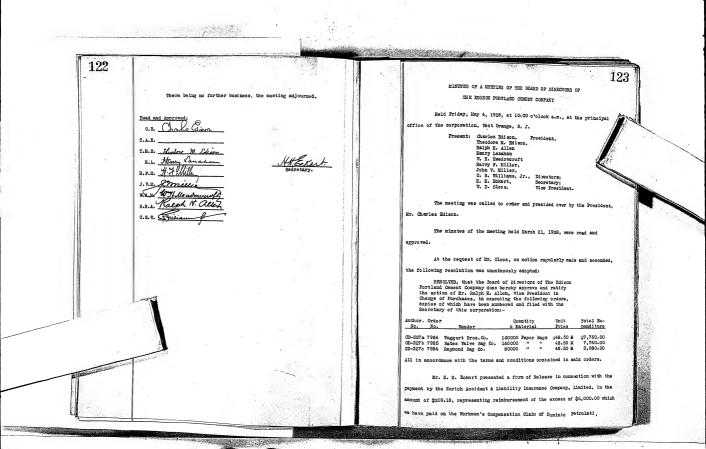
Quantity and Material 200,000 Osnahury Coment Bars

Price and Delivery: \$128.75 per M., f.c.b. New Village, N.J.

Total Expenditure: Not to exceed \$25,750.00.

All in accordance with the terms and conditions contained in said order.

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injured under date of July 24, 1925, paid claim attachee under policy \$5002588 covering the period from June 30, 1926, to June 30, 1927, and requested the ratification of the Board to the execution thereof.

On motion regularly made and seconded, the following recolution was unanimously adopted:

RESOUTED, that the Board of Directors of this corporation does hereby retify the solt on of its proper officers in excepting a form of Belease with the Zurich General Accident & Intellity Innurance Company, Linit and, asked April 21, 1988, all in accordance with the terms and conditions contained therein, a copy of which has been numbered and filled with the Secretary of this corporation as Authorisation Box CD-328.

Mr. Cloos submitted three additional memberships for the year 1928, which he considered desirable for the corporation to carry, and requested the Board's approval thereto.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that in addition to the memberships authorized on January 11, 1928, the Board of Directors does hereby authorize the following for the year 1928:

Organization Representative

Kiwanis Club, Washington, N. J. C. H. Eckert \$40.00

" " Phillipsburg, " W. J. Dittmar 55.00

Rotary Club Jersey City, " J. W. Leshy 79.33

There being no further business, the meeting adjourned.

C.E. Chang Gizen

T. H. E. Theodor M. Edison

H.L. NA

W. H. W. W. W. Weadoward

C.S.W. Exercise &

MINUTES OF THE ARRUAL MEETING OF THE STOCKHOLDERS OF THE EDISON FORTLAND CELENT GOMPANY

Held, pursuant to notice, Priday, May 18, 1928, at 1,30 c'clock p.m., at the principal office of the corporation, Edison Laboratory, corner Lakeside Avenue, and Main Street, West Orange, N. J.

The meeting was called to order and presided over by the President, Mr. Charles Edison,

On motion by Mr. H. F. Miller, seconded by Mr. J. V. Miller, the calling of the roll of the stockholders was dispensed with, and the Secretary Mr. H. H. Eckert, was instructed to make note of the stockholders present and the proxise presented, with the following result:

STOCKHOLDERS PRESENT IN PERSON Number of Shares Preferred 'Total Allen, Ralph H. Edison, Charles 1000 1000 2000 Edison, Theodore M. 1000 1000 Lanahan, Henry Meadoworoft. W. H. Miller, Harry F. Miller, John V. 40 40 Williame, Jr. C. S.

STOCKHOLDERS REPRESENTED BY PROXY

Namo			
Arbogaet, Loie G. J.	_	10	10
Arbogaet, Ralph	-	20	20
Ayleworth, Estate of J. W.	250	50	300
Baird, Jr. David	96	61	157
Baumgartner, Mary D.	10	-	10
Bescom, James S	200	200	400
Bent. Felton	364	140	504
Bent. Quinov	364	140	504
Breweter, Roberta	30	-	30
Brodhead, A. L.	10	-	10
Bromley, Joseph H.	956	578	1534
Brown, Henry P.	60	20	80
Bruff, Albert C.	150	50	200
Burch, Francie F.	25	-	25
Burrows, Charles G.	75	-	75
Barber, Marie S.	2	. 1	3

	N	umber of Sha	ros	
Name of Proxy	Common	Preferred	Total	
Campbell, Winfield S.	60		60.	
Cloos, W. D.	_	22	22	
Craig, Eleanor J. R.	194	108	302	
Craig, Eleanor J. R. Trustee	97	54	151	
Dillinger, Elizabeth S.	86	68	154	
Dyor, Frank L.	60	50	110	
Edison, Thomas A.	135	13605	13740	
Edison, Thomas A. Ino.,	193643	25054	218697	
Felton, Edgar C.	300	100	400	
Garner, S. Carl	370	10	380	
Garner, Est. of S. J.	50		50	
Gow, Helen H.	20	-	20	
Gummey, John S.	112	48	160	
Henna, Anne L.	100	40	100	
Hird, Allen M.	100	5	5	
Holland, E. Fraenkel (Mrs.)	34	34	68	
Howell, Maude H.	34	20		
Jordan, Walter (Mrs.)	10	20	20	
Katzenbach, Natalie McNeal (Mrs		227	10 889	
Kenble, M. Virginia (Ers.)	124			
	400	125	249	
Lipper, Milton W.		100	400	
Lybrand, Wn. M.	15		100	
Martin, Daniel Masters, Jessie W. Miss	130	15	30	
Mathieu. John P. Estate of		65	195	
	103	164	267	
McCarthy, Felix, Est. of		10	10	
Morse, Alice J. New Brunswick Trust Co., Truste	e 30	10	16	
	900	20	50	
O'Heill, Wm. C. (Est. of) Ott, John F.	50	450	1350	
Phila. Trust Co., Trustee	2.24	10 96	60	
Pierman, A. N.			320	
Porter, Georgianna W. Mrs.		5 15	5 15	
Ross, George G. Est. of	60	20	80	
Scattergood, Alfred G.	147	130	277	
Sonttergood, J. Henry	147	130	277	
Scattergood, Margaret (Est.)	147	130	277	
Hoag, Arma S. (Est.)	147	129		
Scattsrgood, Maria C. (Est.)	588		276 1107	
Schively, Yals R. & Donald, Tru	stees 350	519	350	
Schmidt, Estate of F. W.	200	100		
Serrill, Wm. J.	200	100 100	300 300	
Shanbacker, S. J.	870		890	
Sisler, Rebecca H. (Mrs.)	125	20		
Staniforth, Annie M. (Mrs.)		100	225	
Shaw, Wh. F.	20	7.	20	
Thompson, J.W.	70	60	130	
Villard, Ostald G.	60	20	80	
Wales, Florence Morse	100	Ξ.	100	
Warren, Arthur F.	6	10	16	
White, Harry	5	. 5	10	
Wolbert, Charles E.	404	325	729	
Woodman, Walter I.	12	. 6	18	
Wurth, Charles N. Est. of	136	218	354	
Willett, Jane		20	20	
	328	97	425	
Total Share	206649	44944	251593	

A majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxice presented were ordered filed with the Secretary,

The Secretary presented and read a copy of the notice of the meeting, together with the proof of the due mailing thereof, to each stockholder of the Corporation at least ten days prior to the meeting, as required by the By-lews.

The transfer book and the stock book of the Corporation, together with a full, true and complete list in alphabetical order of the stockholders entitled to vote at the ensuing election, with the address of each and the number of charges held by each, were produced and remained during the election open to inspection.

On motion by Mr. Lamshan, seconded, by Mr. Theodore M. Edison, and by unanimous affirmative vote, the reading of the minutes of the previous amount meeting of the stockholders was dispensed with.

Mossrs. I. W. Dalker and W. L. Ramage (moither of them being a omndidate for the office of Director) were appointed Inspectors of Election and duly sworn.

On motion by Mr. Henry Lanahan, seconded by Mr. John V. Miller,
Messre. Raigh H. Allen, Thomas A. Edison, Charles Edison, Theodore M. Edison,
Henry Lanahan, W. H. Mesdowerott, Harry F. Miller, John V. Hiller, and C. S.
Williams, Jr. were nominated for Directors of the corporation to hold office
for the ensuing year, or until their successors shall have been elected and
qualified.

No other nominations having been made, a metion was made and seconded that the neminations be closed. The poll was declared open by the Precident at 1:45 o'clock p.m., and the stockholders prepared their ballots and delivered them to the Inspectors.

On motion by H. F. Miller, seconded by J. V. Miller, and by unanimous affirmative vote, the reading of the minutes of the Directors' mentings held since the moeting of the stockholders on May 27, 1927, was dispensed with - the minute book being left open for inspection by anyone desiring to do so.

On motion by Mr. Honry Lanahan, seconded by Mr. Wh. H. Meadoworoft, the following resolution was unanimously adopted:

RESOLVED, that the acts of the Directors and Officers on behalf of this corneration as set forth in the minutes or the Directors' meetinge held since the annual meeting of the Stockholders on May 27. 1927, be and the same are hereby approved, ratified and confirmed.

During the balance of the hour that the poll was required to be kept open, Mr. Charles Edison reported on the results obtained from operations during the year 1927. During 1927 the production of finished cement was 2,145,391 barrels as compared with the previous year's production of 2,095,301 barrels. Coupled with this increase in production we had a docrease in Mill Cost of .088 por barrel.

The total shipmonte of finished coment for 1927 were 2.380,362 barrels, of which 301,137 barrels were purchased from other manufacturers. The ehipmonts for 1926 were in total 2,276,161 barrels, of which 86,709 barrels were purchased from other manufacturers.

Our total shipmente for 1927 exceeded those of 1926 by 104,000 barrels. This large increase in shipments should, in the natural course of evente, have resulted in increased earnings, but the Selling Price of cement continued to decline. Our net sales price for 1927 was \$1.588

per barrel as against \$1.738 for 1926, a decrease of .15 per barrel.

Despite the fact that we had lower Mill Coste, we were unable to offset the decrease in the Selling Price, the result being that we finished the year (1927) with a net loss of \$122,649.81. We had a net profit in 1926 of \$98,277.00.

Mr. Edison further stated that it was estimated up to May 31, 1928, our shipmente would be 50,000 barrels less than they were in 1927. We do not expect to ship as much cement in 1928 as we did in 1927 as the demand is not expected to be as great.

Mr. Edieon also etated that he did not expect the Selling Price of cement to stiffen during 1928, but he thought it vory probable that the price would be lower even than the 1927 figure. Er. Edison pointed out that the question of price was one in which we had to meet the price of the larger producers if we wanted the business, so we were marking time, until conditions changed.

He etated further that because of changes in organization and also because of the extensive improvements that have been made in the past three or four years the indications were very favorable for further decrease in Mill Costs. The savings anticipated should more than offset the decreasee in selling prices, and we should finish the year 1928 with a small not profit.

The poll having remained open at least one hour, was closed and the Inepectors presented their report in writing showing that the following gentlemen received the number of votes set opposite their respective names:

Name Number of Votes Ralph H. Allen 251593 251593 Charles Edison Thomas A. Edison 251 593 Theodore M. Edison 251593 251593 Henry Lanshan

Number of Votes

W. H. Masdoweroft Harry F. Miller John V. Miller C. S. Williams.Jr. 251593 251.593 251593

251593

The President thereupon declared the above named gentlemen duly elected Directors of the corporation, to hold office until the next snauel meeting, or until their successors shall have been elected and malified.

The Secretary wee then instructed to insert in the minute book, for the purpose of reference, the following pepera:

- 1. Copy of the notice of the meeting called for May 18.1927.
- 2. Form of Proxy
- 3. Inspectors' Oath and Report

There being no further business, on motion regularly made and seconded, the meeting adjourned.

Read and Approved:

T.A.R.

T.M.E. Fledor M Sti R.H.A. Raesh It. aces

MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF

President:

THE EDISON PORTLAND CEMENT COMPANY

Held, pursuant to notice, Monday, May 21, 1928, at 11:00 o'clock s.m., at the principal office of the corporation, West Orenge, N. J.

> Present: Charles Edison. Theodore M. Edison, Ralph H. Allen, Henry Lanahan, W. H. Mesdoweroft. Harry F. Miller. John V. Miller.

C. S. Williams, Jr., Directors; H. H. Eckert, Scoretary: W. D. Cloos, Vice President.

The mesting was called to order and presided over by the President, Mr. Charles Edison.

The President stated that one of the objects of the meeting was to elsot officers of the corporation to hold office until the next annual meeting, or until their successors are elected.

The Secretary then read the list of officers provided for by the By-laws of the corporation, as follows:

Chairman of the Board of Directors President

Such Vice Presidents, including a Vice President in Charge of Purchases, as may be determined upon by the

Board of Directors, General Manager. Treasurer. Secretary,

General Counsel. Such Assistant Treasurers as may from time to time be determined upon by the Board of Directors,

Such Assistant Secretaries as may from time to time be determined upon by the Board of Directors, And, such other officers as may from time to time be determined upon by the Board of Directors.

On motion by Mr. H. F. Miller, seconded by Mr. Meadowcroft, and by unanimous affirmative vote, the following gentlemen were elected to fill the offices set opposite their respective names:-

132

Thomas A. Elison

- Chairman of the Board of Directors

Charles Edison W. D. Cloos

- President . Vice President and General Manager

Ralph H. Allsn

- Vice President, also Vice President in Charge of Purchases - Vice President

0.S.Williams, Jr., Albert C. Bruff

- Vice President and Manager New England District Raymond A. Wetzler - Vice President and Manager New York District - Tressurer

Harry P. Miller H. H. Eckert Henry Lenshan E. H. Philips

- Secretary - Gameral Counsel - Assistant Tressurer J. C. LaRus - Assistant Treasurer

J. V. Miller - Assistant Treasurer V J. P. Doig - Assistant Secretary . P. C. Brwin - Assistant Secretary

Mr. J. Hansell French was re-appointed Manager of the Philadelphia District.

Mr. Cloos presented an order dated May 11, 1928, covering the furnishing of all labor, rigging, tools, etc., necessary to make the alterations to our Kiln Room located at New Village, as outlined in our general specifications dated January 31, 1928, and requested the author-

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that Mr. Ralph H. Allen, Vice President in Charge of Purchases, be and he is hereby authorized to exscute on behalf of The Edison Portland Cament Company, a cartain Purchase Order No. 6384, dated May 11, 1928, with H. W. Ackley, 317 1rwin Street, Phillipsburg, N. J., a copy of which has been numbered and filed with the Secretary of this Corporation as Authorization No. CB-330, and providing

Labor and Material: To furnish all labor, rigging, tools, etc., also the concreting materials in our kiln room, as outlined in agreement dated May 7, 1928, and general specifications dated January 31, 1928.

Price:

\$13,655.00 complete at our works, New Village.

All in accordance with the terms and conditions set forth in said Purchase Order, Agreement and Specifications.

Edison Portland Centent Co.



ORANGE, N.J.U.S.A.

May 2, 1928

To The Stockholders of

THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edison Portland Cement Company will be held on Friday, May 18, 1928, at 1:30 o'clock P. M., (Daylight Saving Time) at the principal office of the Corporation, Edison Laboratory, corner of Lakeside Avenue and Main Street, West Orange, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped

Yours very truly,

H. H. ECKERT,

THE SOLEON PORTLAND CANCELL COLUMNS TO

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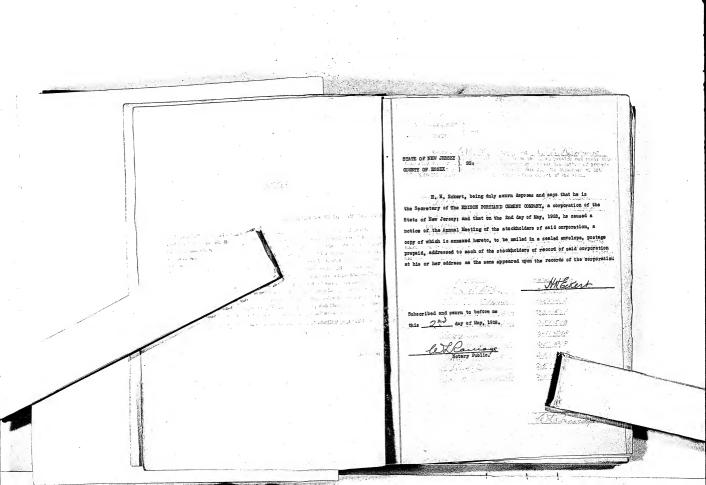
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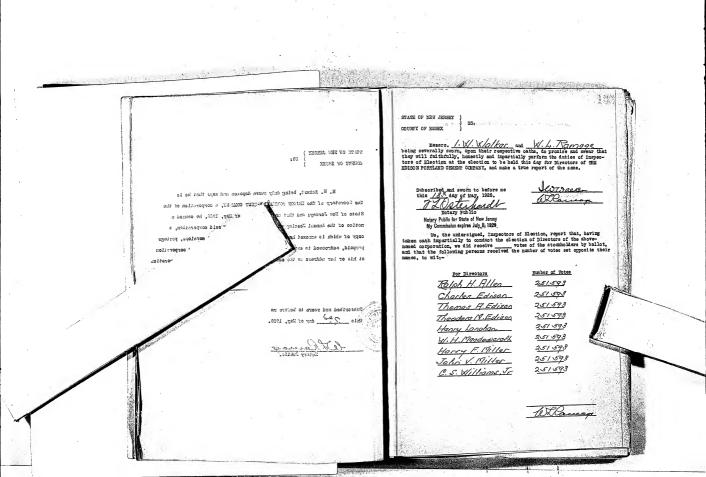
KNOW ALL MEN BY THESE PRESENTS:

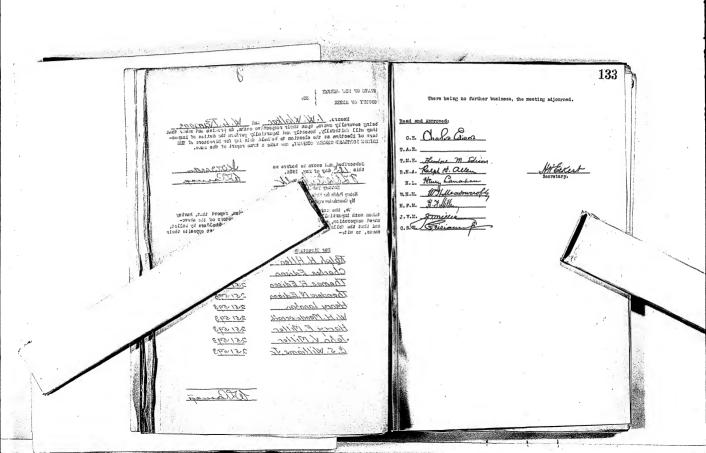
That I, the Subscriber, do hereby constitute and apoint Mr. Churles Edinos or Mr. H. F. Miller and lawful attorns; in my name, place and stead, to voic upon all the stock of The Edino Perhand Coment Company owned by me or standing in my name, as my prear, at the annual meeting of the stockholders of the said Corporation to be held at the principal office of the Corporation Edinost Laboratory, corner Lakeside Avenue and Main Strett, in the Town of West Orange, State of New Jersey, on May 18, 1928, at one thirty o'clock F. Mr. (Daylight Saving Time) of said day, or on such lord aday as and meeting my thereafter be held by adjournment or clusters, ascording to the number of votes I am now or may be then entitled to east, hereby granting the said attorney full powers and undentity to act for me and in my name at the said nonding or meetings, in volage for Direction and Corporation or otherwise, and in the transaction of such other business as may come before the meeting, as fully as I could do if personally present, with, full power of substitution and revocation, homesting, as fully as I could do if personally present, with, full power of substitution and revocation, benefiting and confirming all that not you said attempts or substitution may do in my name, place and stead.

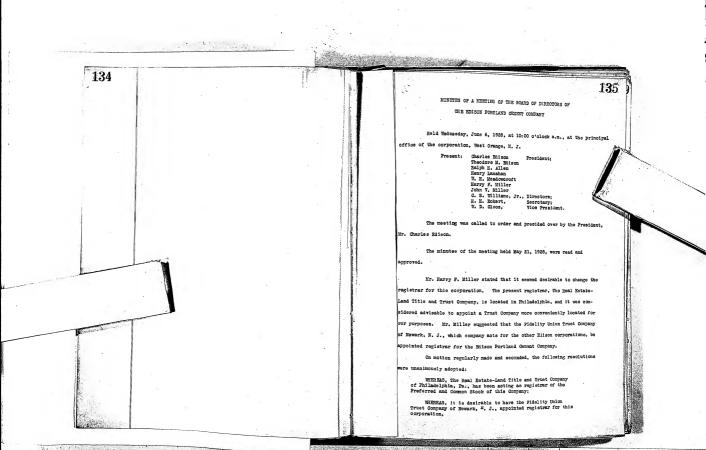
IN WITNESS WHEREOF, I have hereunto set my hand and seal this.....

y	of	1928,	
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		-t.	(1)









RESOLVED FURTHER, that the officers of this Company be and they are hereby authorized and directed to execute any proper form of agreement which may be required to make said appointment effective.

ir. Ralph H. Allen requested the Board's approval to the purchase from Mr. Cheries Mittrey Thatcher, et. al., of 149 mores, more of less, of farm land adjoining the company's property in Franklin Zounship at the purchase price of \$5,500.00, in accordance with agreement dated May 19, 1928, a copy of which was then submitted and read.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOURD, that the Based of Murotters of The Billion Fiviled Generic Company does heavily appreve or the purchase from ir. Charles Hitney Thatcher, et. al., of 160 acros, more or loss, of from land adjoining the compensation's property in Frenklin rosmalip at a purchase price tion's property in Frenklin rosmalip at a purchase price contained in a scorudance with the torms and conditions contained in a scorudance with the torms and conditions contained in a scorudance with the torms and conditions or the contrained in a scorudance with the torms and conditions of the contrained of th

There being no further business, the meeting adjourned.

u.E. Chans don

R.H.A. Ralph H. aller

H.E. H. H. Hiller

W.H. W. W. Meadown

C.S.W. Sonician f

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND COMENT COMPANY

Hold Monday, June 11, 1928, at 11:30 o'clock a.m., at the principal office of the corporation, West Orange, N. J.

Present: Charles Exison President;
Theodore U. Zdison
Ralph H. Allen
Henry Lambean
W. H. Mesdowsrott
Harry F. Miller
John V. Biller
O. S. Billiams, Jr. Directors;

C. S. Williams H. H. Eckert, W. D. Cloos,

The moeting was called to order and presided over by the President, Charles Edison.

Secre tary:

Vice President.

The minutes of the meeting held June 6, 1928, were read and approved.

Mr. Charles Blison stated that it was his desire for the Board to

afify his action in the matter or the adoption of a plan of group Health and

of the directors and officers of the company had given the matter consid-

rable thought and had recommended that we should adopt such a plan of insurace providing the greater part of the premiume are paid by the individual em-

ployees. They had recommended such a plan for the following reasons:

First - It would assist the employee and his family at times when assistance is most needed.

at present among the employees, and also the voluntary payments made by the management from time to time.

mird - It will remove entirely the element of Charity, and will give the employee the satisfaction of knowing that his reserve fund for the rainy day is being accumulated largely out of his own samings.

Wourth - It should tend to promote a feeling of good will and greater co-operation between the company and the employees. 137

He stated further that the plan in mind provided for the greater part of payments to be made by deductions from the pay due the respective employees. A part of the premiums would be paid by the company, approximating a total cost to the company of \$2,500.00 a year. In addition the company would have to carry the expense of the sxtra olorical mork required for keeping records with the Insurance Company and for making the proper deductions from the pay checks of the employees. He stated that he had considered it adviseble to sign an application to the Metropolitan Life Unsurance Co., of New York cit on behalf of this corporation, for Group Life Insurance for all salaried exployees, and Scoup Life and Health Insurance for all amployees on an hourly basis, and he desired the restification of the Board thereto.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this corporation does hereby approve and ratify the action of its Proper officers in executing two forms of Application to the Metropolitan Life Insurance Company, New York, N. Y.

(1) Group Life Insurance (2) Group Health Insurance

overing the employees of The Edison Portland Genent Company, all in associations with the terms and conditions contained in said Applications, copies of which have been numbered and filled with the Secretary of this corporation as Authorization Nos. CD-3335.

Mr. W. D. Cloos presented and read an executed form of agreement between The Delaware, Lackawanna and Western Railroad Company and this corporation, wherein the liability and limits of both companies for the apportionment of the costs of maintaining and repairing the "Stone Yard Trackar at New Village, are clearly defined, and he requested the ratification of the heart them. On motion regularly made and seconded, the following resolution was unanimously adopted.

REGGIVED, that the Sound of Directors of this corporation does knowled approve and mathy the kntien of the proper officers in executing a form of arreas and the Disease, and Lackmann and United Reliable (Company, Mende at the Willege and regarding the Stone Year tracks at New Yillege and and condition on each conseque, all in accordance with the terms and condition with the terms and condition with the deep the condition of the Company and the Company of this corporation as Authorization No. (D.-364. The Secretary of this corporation as Authorization No. (D.-364.

At the request of Mr. Oloos, on motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Portland Generic Company, does hereby approve and ratify the solit on of Mr. Belph H. Allen, Yloo President in charge of Purchases, in accounting the following orders, copies of which have been numbered and filed with the Societary of this corporation:

REGUED, that the Board of Invotors of The Edison Portland Common, does herely approve and ratify the action of Mr. Baigh H. Allem, Vice President in Charge of Purchases, in executing a cortain order, 48547, dated May 26, 1928, with the Taggart Bros. Oc., 15 Broad Street, New York City, a copy of which has been numbered and filled with the Secretary of this corporation as Authorization No. 05-355, and providing for the purchase of r

Quantity and Material:

240,000 Multiwall Paper Bags

Price and Delivery:

\$48.50 per M., f.o.b. New Village, N.J.

Total Expenditure:

Not to exceed \$11,640.00

RESOLVED, that the Board of Invotors of The Sidson Fortiand General Company, does hereby approve and ratify the action of Mr. Ralph M. Allon. Theo Freedamt in Charge of Purchases, in exacuting a cortain order, 4564, dated May 24, 1928, with the Satos Walve Sag Co., Manarchi, Par., a copy of which has been numbered and filed with the Socretary of this corporation as Authorization No. CD-335d, and providing for the purchases of 139

140 141 240,000 Hultiwall Paper Bags Quantity and Material: (3 carloads) MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF \$48.50 per M., f.o.b. New Village, N.J. THE EDISON PORTLAND CHARACT COMPANY Price and Delivery: Not to exceed \$11,640.00 Total Expenditure: Held Monday, July 23, 1928, at 10:00 o'clock, a.m., at the principal office of the corporation, West Orange, N. J. There being no further business, the meeting adjourned. Charles Edison. President: Present: Theodors M. Edison. Henry Lanshan, W. H. Meadoworoft. Read and Approved: Harry F. Miller, John v. Miller, C. S. Williams, Jr., Directors: Assistant Secretary: P. C. Erwin. Vice President. W. D. Cloos, The meeting was called to order and presided over by the President, Mr. Charles Edison. The minutes of the meeting held June 11, 1928, were read and approved. At the request of Mr. Cloos, on motion regularly made and seconded, the following resolutions were unenimously adopted: "RESOLVED, that the Board of Directors of The Edison Portland Company, doos hereby approve and ratify the action of Mr. Charles Edison, President, in executing a cortain purchase order #9203, dated July 16, 1928, with Taggart Brothers Co., 15 Broad Street, New York, N. Y., a copy of which has been numbered and filed with the Secretary of this orporation as Authorization No. CD-336, and providing for the purchase of -3 carloads (approx. 240,000) Taggart Multiwall 1/4 bbl. Sowed Paper Valve Quantity and Material: Cement Bags. \$48.50 per M., f.o.b. New Village, N.J. Price and Delivery: Not to exceed \$11,640.00. Total Expenditure: All in accordance with the terms and conditions contained in sald purchase order. RESCLVED, that the Board of Directors of The Edison Portland Company, does hereby approve and ratify the action of Mr. Charles Edison, President, in executing a certain purchase order #9199, dated July 16, 1928, with the

Bates Valve Bag Company, Mazareth, Pa., a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-337, and providing for the purchase of -

Quantity and Material:

3 Carloade (approx. 240,000) Bates Multiwall, 1/4 Bbl. Sewed, Paper Valve Coment Bags.

Prios and Delivery:

\$48.50 per H., f.o.b., New Village, N.J.

Total Expenditure:

Not to exceed \$11.640.00.

All in accordance with the terms and conditions contained in said purchase order.

RESCL VED, that the Board of Directors of The Edison Portland Cement Company, does hereby approve and ratify the action of Mr. Charles Blison, President, in executing a certain purchase order \$7872, dated July 17, 1928, with Livermore & Knight, Providence, Rhode Island, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-339, and providing for the purchase of -

Quantity and Material: 20,000 Large Folders for Architects, with envelopes, etc.

2.000 Each of six letters, 12,000 #1 Portfolio Envelopes, in-

serting ready to mail, 7,000 Each of 6 Folders for dealers, 30,000 Envelopee printed,

Total Expenditure:

Not to exceed \$10,000.00.

All in accordance with the terms and conditions contained in

RESOLVED, that the Board of Directors of The Edison Fortland Commany does hereby authorize the following memberships for the year 1928 in addition to those authorized January 11, 1928:

Organization American Construction Council Representative National Acco. of Hamufacturers W.D. Cloos \$25.00 dues with Thomas A. Edison, Inc.,

There being no further bur

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON FORTLAND CEMENT COMPANY

Held Saturday, September 22, 1928, at 10:00 o'clock, a.m., at the principal office of the corporation, West Orange, N. J.

Present: Charles Edison. President: Theodore M. Edison.

Henry Lanahan, W. H. Meadowgroft. Harry F. Willer.

John V. Miller, C. S. Williams, Jr., H. H. Bokert, W. D. Clooe.

Directors: Scoretary; Vice President.

The meeting was called to order and presided over by the President. Mr. Charles Edison.

The minutes of the meeting held July 23, 1928, were read and approved.

Mr. W. D. Cloos stated that we had made application to the New Jersey Power & Light Company for electric service at our plant near Oxford, N. J., for the operation of our Quarry, term of such service to run from June 30, 1928, through June 30, 1931, subject to the conditions contained in said application; that the application had been accepted by the New Jersey Power & Light Company, such acceptance constituting a contract; and that he desired the approval and . ratification of the Board of Directors to the execution of said application.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLUTED, that the Board of Directors of this corporation dose hereby approve and ratify the action of ite proper officers in making on behalf of The Edison Portland Cement Company an application dated June 30, 1928, to the New Jersey Power & Light Company for electric service to operate the Quarry of The Edison Portland Cement Company near Oxford, N. J.; term of such service to run from June 30, 1928, through June 3C, 1931; and acceptance of eafd application by the New Jersey Power & Light Company to constitute a contract between both parties; all in accordance with the terms and conditions as set forth in eaid application, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the action of its proper officers in executing on behalf of The Edison Portland Cement Company a certain agreement dated June 30, 1928, between The Edison Fortland Cement Company and the New Jersey Power and Light Company be and the came is hereby approved and ratified; said agreement providing for the purchase from the New Jersey Power and Light Company of certain machinery, apparatus and equipment, and installation of same at the Quarry of The Edison Portland Cement Company, located at White Township, N. J., purchase consideration being \$13,500, to be paid in the following inetallments: \$3,500 on December 31, 1928 and the remaining \$10,000 on December 31, 1929; all in accordance with the terms and conditions as set forth in said agreement, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-341.

Mr. Cloos requested the Board's approval to certain purchase orders, and on motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve and ratify the action of Mr. Ralph H. Allen, Vice Precident in Charge of Purchases, in executing the following Purchase Orders, copies of which have been numbered and filed with the Secretary of this Corporation as Authorization No. CD-342:

Order No.

Burns Fuel Co. 9016 4000 tons Coal 0 \$.75 \$3,000.00 9017 Elk River Coal & Lumber Co. 3500 " " G .60* 2.100.00 9018 Moreland Coke Co. 2500 # * 0 .75 1.875.00 Continental Coal Co. 2000 " " @ .75 1,500.00

Jaite Co., Approx. 80.000 Bags @ \$48.50 M \$3.880.00

All in accordance with the terms and conditions contained in said orders.

RESOLVED, that the Board of Directors of The Edison Portland Cement Company, does hereby approve and ratify the action of Mr. Ralph H. Allen, Vice President in Charge of Purchases, in executing a certain purchase order #9502, dated Aug. 8., 1928, with Taggart Brothers Co., 15 Broad St., New York. N. Y .. a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-343, and providing for the purchase of:

Quantity and Material: 3 carloads (approx. 240,000) Taggart
Multiwall 1 bbl. sewed paper valve cement bags.

"(Takes 15g higher freight rate)

Price and Delivery:

\$48.50 per Me. f.o.b. New Village, N. J.

Total Expenditure:

Not to exceed \$11.640.00.

All in accordance with the terms and conditions contained in said nurchase order.

RESOLVED, that the Board of Directors of The Edison Portland Cement Company, does hereby approve and ratify the action of Mr. Ralph H. Allen, Vice President in Charge of Purchases, in executing a certain purchase order #9504, dated Aug. 8, 1928, with the Bates Valve Bag Company, Nazareth, Pa., a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-344, and providing for the purchase of:

Quantity and Material: 5 carloads (approx. 240,000) Bates Multiwall, ; bbl. sewed paper valve cement bags.

Price and Delivery:

\$48.50 per M., f.o.b. New Village, N. J.

Total Expenditure:

Not to exceed \$11,640.00.

All in accordance with the terms and conditions contained in said purchase order.

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Hr. H. T. Miller stated that on June 27, 1927, the Board of Directors authorized Miss E. S. Fhillips to sign checks drawn on the funds of this Corporation carried in its account known as "Fhiladelphia Selse Office Account," in the Bank of Borth America and Trust Company, Fhiladelphia, Pa.

As Miss Phillips has resigned and Mr. Bennett L. Afkin has been appointed in her stead, it is necessary to revoke the above mutioned resolution and authorize Mr. Aikin to sign checks on said account.

On motion regularly made and seconded, the following resclutions were unanimously adopted:

DEDGINED, that the resolution adopted by the Board of Directors of this Corporation on June 27, 1927, (No. 0-300), authorising Him Schmidt of Phillips to sign and Hr. J. Ransall French to converted the sum on the Tunds of this Corporation, carried in tis account footness on the Tunds of this Corporation, carried in the County of the Cou

RESOURD, that is addition to the powers and authority gives to certain ordinear or has about portland General Company, as provided by its hy-laws, authorities the mean tempty are to the Hennett's Addin to sign and hr. J. Beamaltarby granted to hr. Hennett's drawn on the funds of this corporation, certain the state of the form of the funds of this corporation, certain the contract of the America and Landgiaha Sales Orice Account; in the heant of horizontal that not there is the sale of the funds and the funds are considered to the funds of the fu

There being no further business, the meeting adjourned.

O.B. Charle Giora Secret

H.E. Henry Landham H.F.M. It heller

W.E.M. WAMearowaff & C.S. T. Carcian B

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Monday, October 15, 1928, at 10:00 o'clock, a.m., at the principal office of the corporation, West Orange, N. J.

Present: Charles Edison, President; Theodore M. Edison, Ralph H. Allen, Henry Lanahan, W. H. Meadoworoft, Harry F. Miller, John V. Miller,

C. S. Williams, Jr., Directors; H. H. Eckert, Secretary; W. D. Cloos, Vice President.

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The minutes of the meeting held September 22, 1928, were read and approved.

Mr. Ralph H. Allen stated that it had been necessary for himto sign in behalf of this corporation a "Walver of Right to File a Petition with the United States Beard of Tax Appeals" in connection with a proposed additional tax against this corporation of \$55,527.00; also, a Power of Attorney for Mr. Walter A. Staub and other members of the firm of Lybrand, Ross Bros. & Montgomery, to represent this corporation before any department of the United States Government in connection with our tax returns, which Power of Attorney expires December 31, 1929;

Mr. Allen also stated that a preliminary hearing had been held at Washington, D. C., before the United States Income Tax Bureau, October 10, 1928, resulting in a decision that the recommendation be made to the United States Board of Tax Appeals to cancel this proposed additional tax, and that if the Conferee's recommendations are sustained by the Board of Tax Appeals it will result in a refund of \$18,949.25

and an actual saving in taxes of \$57,476.25.

He therefore requested the Board of Directors to ratify his action in signing the Waiver and the Power of Attorney in behalf of this corporation.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this vorporation does hereby approve and ratify, the action of
its proper officers in executing a Wavyor of Right to
File a Petition with the United States Board of Tax Appeals, in connection with a proposed additional tax
Peals, in Connection with a proposed additional tax
Peals, in Connection with a proposed additional tax
Formation of Attorney, expiring Decomber 50, 1989, and
for Matterney, expiring Decomber 50, 1989, and
for Watterney, expiring Decomber 50, 1989, and
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At the request of Mr. Cloos, on motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Ediratify the action of W. Radoes hereby approve and ratify the action of W. Radoes hereby approve and in Charge of Furchases, in executing the following orders, copies of which have been numbered and filed with the Secretary of this corporation:

Author.	Order No.	Vendor	Quantit	,		Init	Total Expen-
			- uniqueria			Price	diture
CD-347	9271	Raymond Bag	Co. 160,000	Paper	Rage	948 50	M 87.760
CD-348	9272	Jaite Co.				Ø#0.00	
41'1 in .			80,000	"		48.50	м з,880
said or	lers.	ance with the	terms and	ondit	ons	onteine	d in

There being no further business, the meeting adjourned.

	Read and Approved	4	HAE
Ì	T.A.E.	_	Sei
	I.M.E. Hydre M. Edison	_	
	R.H.A. Kalph H. allen	_	
	W.H.M. Way ble advanth	_	
	H.F.M. H. J. Miller	_	

150 151 MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY Held Friday, October 26, 1928, at 10:00 o'clock, a.m., at the principal office of the corporation, West Orange, N. J. Present: Charles Edison, President: Ralph H. Allen, Henry Lanahan, W. H. Meadowcroft, Harry F. Miller, John V. Miller. C. S. Williams, Jr., H. H. Eckert, W. D. Cloos, Directors; Secretary; Vice President. The meeting was called to order and presided over by the President, Charles Edison. The minutes of the meeting held October 15, 1928, were read and approved. Mr. Cloos stated that we are now purchasing cement and that he was unable at this time to tell exactly our future requirements from outside companies. He therefore asked that the Board authorize the purchase of cement, not to exceed 70,000 barrels, the largest portion of which would be purchased from the Allentown Portland Cement Company and the balance from the Hercules Portland Cement Corporation and the Nazareth Cement Company, with the understanding that these purchases would be held to a minimum. He also stated that at the end of the shipping season minutes would be put through covering these purchases from the individual companies. On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of this corporation does hereby authorize the proper officers of this company to purchase from outside cement companies a quantity of cement not to exceed 70,000 barrels; the total expenditure not to exceed \$98,000.00.

There being no further business, the meeting adjourned.

Read and Approved:

Kalph H. alle

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held Thursday, Nov. 22, 1928, at 10:00 o'clock. a.m.. the principal office of the corporation, West Orange, N. J.

Present: Charles Edison, President; Theodore M. Edison, Ralph H. Allen,

Henry Lanahan, W. H. Meadowcroft, Harry F. Miller. John V. Miller,

C. S. Williams, H. H. Eckert, ,Directors; Secretary; Vice President. W. D. Cloos,

The meeting was called to order and presided over by the President, Charles Edison.

The minutes of the meeting held Oct. 26, 1928, were read and approved.

At the request of Mr. Cloos, on motion regularly made seconded, the following resolution was unanimously adopted:

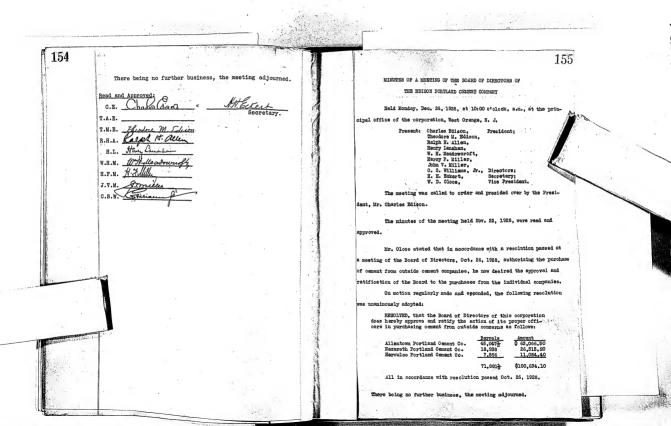
RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve and ratify the action of Mr. Balph H. Allen, 'Vice President in Charge of Purchases, in executing the following orders; copies of Purchases, in executing the following orders; which have been numbered and filed with the Secretary of this corporation:

Paper Price Expend-Author. Order Cement per iture Bags

in said orders.

7.550A 10189 Bates Valve Bag Co. 80,000 \$48.50 2.550B 10190 Raymond Bag Co. 80,000 \$48.50 2.550C 10191 Taggart Brothers 80,000 \$48.50 2.550D 10192 Jaite Co. 80,000 \$48.50 48.50 3,880.00 3,880.00 80,000 48.50 _ 3,880.00

Total expenditure not to exceed..... \$15,520.00 All in accordance with the terms and conditions contained



157 156 MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF Att Excert. THE EDISON PORTLAND CEMENT COMPANY Held Monday, January 7, 1929, at 10:00 o'clock, a.m., at the principal office of the corporation, West Crange, N. J. Present: Charles Edison, President: Theodore M. Edison, Ralph H. Allen. Henry Lanahan, W. H. Meadowcroft. Harry F. Miller, John V. Miller, C. S. Williame, Jr., Directors: H. H. Eckert. Secretary: Vice President. W. D. Cloos, The meeting was called to order and presided over by the President, Mr. Charles Edison. The minutes of the meeting held Dec. 24, 1928, were read and approved. Mr. Charles Edison requested authority to open an account with the North Ward National Bank, Newark, N. J., and also with the First National Bank, Washington, N. J., to be known as "Edison Portland Coment, Oo.; Payroll Account." Mr. Edison stated that inasmuch as the Private Payroll employees were to be paid by chack in the future, it was considered advisable to sat up separate bank accounts for this purpose, and to authorize only three signers for these checks, viz., H. F. Miller, Treasurer; Charles Haas, Cashier; and George A. Meister, Pay Master. On motion regularly made and seconded, the following resolutions were unanimously adopted: RESOLVED, that subject to the Ry-Laws, the President be and he is hereby authorized to open an additional bank account, to be known as "Edican Krijand Cassent" to, Payroll Account," with the North Ward National Rank, Names tional Bank, Newark, N. J., for and in the name of this corporation, and to deposit with said bank in said account, from time to time, any and all checks, drafts, money and other items of any kind; and be it-

The Wall Court of the State of

RESOLVED, that any and all checks drawn against the funde of this corporation carried in its account known as "Edison Portland Coment Co., Payroll Account" in the North Ward Rational Bank, Rewark, N. J., must, without exception be signed by either one of the following:

> H. F. Miller. Treasurer: Cashiart Charles Hass. Pay Master. George A. Meister.

RESOLVED, that subject to the By-Laws, the President be and he is hereby authorized to open an additional bank account, to be known as "Edison Portland Cement. Co. . Payroll Account "with the First Mational Bank, Washington, N. J., for and in the name of this corporation, and to deposit with eaid bank in said account, from time to time, any and all checks, drafts, money and other items of any kind; and be it further

RESOLVED, that any and all checks drawn against the funds of this corporation carried in its account known as "Edison Port-lend Cement Co., Psyroll Account" in the First National Bank, Waehington, N. J., must, without exception be signed by either one of the following:

> H. F. Miller. Treasurer: Charles Hass Cashier; George A. Meister.

Pay Master.

There being no further business, the meeting adjourned.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

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Held Tuesday. January 22, 1929, at 11:00 o'clock, a.m., at the

principal office of the corporation, West Orange, No. J. Present: Charles Edison. Precident: Theodore M. Edison. Ralph H. Allen,

Henry Lanahan. W. H. Meadowcroft. Harry F. Miller. John V. Miller. OG S. Williams, Jr. H. H. Eckert.

Secretary.

Directors:

The meeting was called to order and precided over by the President. Mr. Charles Edison.

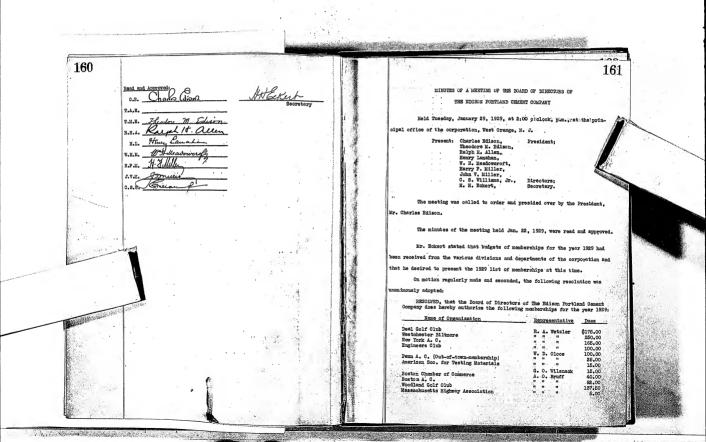
The minute's of the meeting held Jan. 7, 1929, were read and approved.

Mr. Harry F. Miller etated that the Trust Company of No. Je., Jersey City. No. Joy, was desirous of obtaining some of our business and that while we did not wish to open an account with their institution at the present time, it seemed desirable for the purpose of maintaining a cordial relationship with them to purchase a Certificate of Deposit for \$10,000.00. He therefore requested the authorization of the Board to such a purchase.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the proper officers of The Edison Portland :-Comment Col, be and they are hereby authorized to purchase, for the purpose heretofore set forth, a Certificate of Deposit from the Trust Company of New Jersey, Jersey City, New Jersey, in the smount of \$10,000.00.

There being no further business, the meeting adjourned.



James and Bearing His

Representative Duas Name of Organization \$ 115.00 G. I. Dungar Northfield Country Club W. W. Hardwick 60.00 Country Club of Virginia 25.00 J. C. LaRus Hew York Credit Hen's Association 50.00 E. P. Gaffney Newark A. C. J. W. Leahy 82,50 Carteret Club P. E. Sandt 40.00 National Safety Council 50.00 Assn. of H'way Officiale, N.A. States Company 200.00 New Jersey Contr. Assn. 50.00 American Conorete Institute 2,599,68 Coment Information Bureau C. H. Eckert 19,00 Kiwanis, Washington, N. J. W. J. Dittmar 15.00 " , Phillipsburg, N. J. Rotary Club, Jersey City, N. J. J. W. Leahy 50,00 J. H. French 100.00 Merion Oricket Club 200.00 Contractors Assn. of Philadelphia Company 25.00 W. D. Cloos American Construction Council

Mr. Harry F. Miller etated that the new location of our New York Office, at \$251 Fifth Avenue, was not convenient to the bank in which our New York Sales Office Account is carried at present, and it therefore becomes necessary for us to close the old bank account and open a new bank account, with the Chanical National Bank, Fifth Avenue branch at 29th Street, New York City.

\$4,791.18

On motion regularly made and seconded, the following resolutions were unminously adopted:

BESUND, that the authority given to the Yice President and Flancial Executive of this Corporation to open an secount, known as "Mer York Sales Office Account," in the Bank of America, 40th Street and Medican Areaum, New York City, as set forth newthin recolutions adopted by the Board of Directors of this Corporation on September 7, 1822, and manded April 20, 1924; is hereby reacheded, and the Treasurer of this Corporation is Abraby authorized and directed to withdraw any and all funds deposited to the credit of this Corporation and to take such other steps as will close the account.

RESULTED, that the Treasurer of this Organization be and he is hareby unthrised to furnish the Chemical Rational Bank, Pitth Avamus branch at 29th Street, New York City, with a certified copy of the Paramet of the Organization, a certified list of its officers and a certified copy of the resolution authorization has been appeared in the Parlame to sign and counters are made to the contract of the said matched at the counters are the said made to the said made to the counters are the said made to the said made t

BESOURD, that subject to the By-laws, the Treasurer of this Corporation to end he is hereby entorined to open a bank account with the Chemical Hestical Bends, Fifth Avenue branch at 29th with the Chemical Hestical Bends, Fifth Avenue branch at 29th be known as "Hew York Sales Office Account", and to deposit in said account, from time to time, any and all checks, dwriter, manage and other time of any kind; and he is hereby authorized to not for the Corporation in all nativers and transcolet, dwriter, manage and other the corporation in all nativers and transcolet, dwriter, money and of its business without her and transcolet, dwriter, money and all the companies of the corporation from the corporation from the corporation from the corporation from the corporation and corporates and the corporation from the corporation and corporation from the corporation from the corporation and collection of the Pay-laws relating to NUZES, and but it further that portion of the Pay-laws relating to NUZES, and but it further

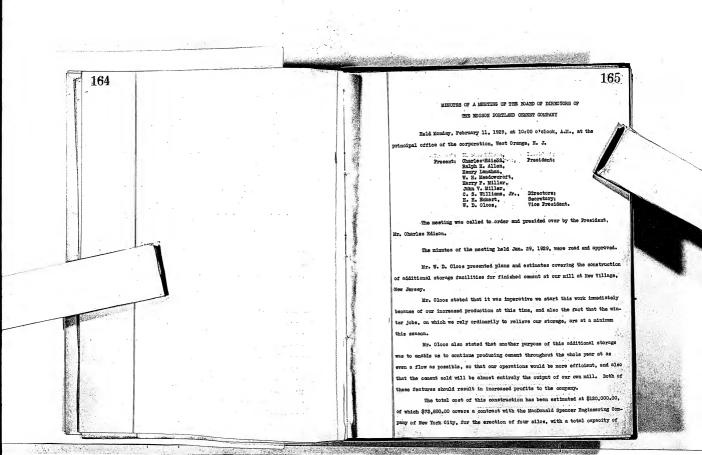
menutum, that in addition to the powers and authority already given certain officers of the Bidson Fortland Genest Ocempany, as provided by its Dy-laws, authority is hereby granted to Mr. W. D. Closs and Mr. A. A. Allen to countersign checks drawn on the funds of this Corporation, certical in its second known as Wiew York Sales Office Account, "In the Chemical Rational Bent, "If the Avenue breach at 28th Street, New York City; provided, however, that matther Mr. W. D. Closs nor Mr. A. Allen Mall about the product, at the Corporation of the

This authorization cemoels and supersedes a similar resolution adopted by the Board of Directors on April 30, 1924, regarding the countersigning of such checks drawn on the funds of this corporation in the Bank of America, 40th Street and Madison Avenue, New York City.

There being no further businese, the meeting adjourned.

Read an	Approved:
C.E.	Onerla Giana
T.A.E.	
T.M.E.	Theodore M. Edison
R. H.A.	Rayoh It. allen
H.L.	Henry Lanahan
W.H.M.	W Still eavouredly
H.F.M.	H. F. Miller
J.V.M.	growelle.
0.8.	Espiei au B

HHEEKert



opproximately 120,000 berrels of coment; the balance of the estimated total being made up of excavation and equipment items necessary to a finished job.

On motion regulerly made and seconded, the following resolutions were unanimously edopted;

mESOLVED, that the Board of Directors of this Corporation doesn'by authorize the construction of additional storage focilities for finished coment at our mill at New Yillage, New Jersey, at an estimated cost not to exceed one Eundred and Eventy Thousand Dollars (2812,000.00) complete, and be it further

BESOUND, that the Board of Directors of this Compression does having operors and writer the action of its prepar extension executing on behalf of the Raison Dortland Commit Company cortain control, enter Personal Commit Company cortain control, deed referency, 8, 1959, with the Membound of Spencer Bugknering Company, Greyber Building, New York City, 81,4, a copy of which has been numbered and filled with the Secretary of this corporation as Authorization 150, CD-558, and providing for the execution, of Hew Village, New Jersey, of nor providing for the execution, of Hew Village, New Jersey, of all the second of the William of the Business Dilars (1673,600.01), and control being part of the Smith Company of the Second Company of the Second

 $\mbox{\ensuremath{\mathtt{All}}}$ in accordance with the terms and conditions conteined in seid contract.

There being no further business, the meeting edjourned.

C.E. Charle Coop

H Eckert Secret

R.H.A. Rayal It. aller H.L. Hury Lanchan

H.H.M. WI Measower

J.V.M. Lameeur

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held, Friday, March 8, 1929, et 10:00 c'clock a.m., at the principal office of the corporation, West Orange, N. J.

Pressnt: Ohavlee Edicon, President;
Henry Lembon
W. L. He Martiner,
W. L. He Martiner,
Con Y. Miller,
O. S. Williams, Jr., Directore;
H. H. Edecart,
W. D. Oloos, Vice President,

The meeting was called to order and presided over by the President, Mr. Oharles Edison.

The minutes of the meeting held February 11, 1929, were reed and approved.

Mr. Harry F. Hiller steted that at a meeting of the Nord of Directors, held January 22, 1925, a resolution was passed authorizing the purchase of a Certificate of Deposit from the Trust Company of New Jersey, Jersey City, New Jersey, in the amount of \$10,000,000. He stated that this Certificate of Deposit had not yet been purchased and that now it seemed edviseble not to do so, therefore, he requested the Board of Directors to reaching the surchase of same.

On motion regularly made and seconded, the following resolution was unanimously adopted:

HESOLVED, that recolution No. OD-554, authorizing the purchase of actificate of Deposit from the Trust Company of New Jersey, Jersey City, New Jersey, in the smount of \$10,000.00, be and the same is hereby recoined and revoked.

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At the request of Mr. W. D. Cloos, on motion regularly made and seconded, the following resolutions were unanimously adopted;

RESOLVED, that the Board of Directors of The Edison Foundation desemb Company does hereby approve and ratify the action of its proper offices the accounting the following contracts, copies of esse having been numbered and filed with the Secretary of this corporation:

I	Author.		Quanti and Mat	eria.	L		Unit P	
ì	CD-360-A	Manhattan Rubber Mfg. Co.	Belting	for	1929	0	prices	listed
j	OD-360-B	United States Rubber Co.	"	**	1929	0	- 11	
ı	OD 360-0	W. A. Tydenan, Inc.			1929	6	n	
ı	0D-360-D	Republic Rubber Company	n	**	1929	0		
	CD-360-B	Quaker City Rubber Company		n	1929	o	11	
	OD-360-F		"	"	1929	9	11	

.

Total Expenditure - estimated not to exceed \$35,000.00, and total expenditure with any individual company not to exceed \$10,000.00. All in socordance with the terms and conditions contained in said contracts.

MESOUVED, that the Board of Directors of The Edison Portland Comment Company, does hereby approve and ratify the action of its propes offices in accounting a certain purchase order No. 5469, dated February 27, 1929, with Fulton Bag & Cottom Hills 300, Wythe Awese, Brooklyn, Hew Tork City, a copy of which has been numbered and filed with the Secretary of this corporation a Authorization No. CD-561, and providing for the purchase Gri-

Quantity and Haterial: 500,000 Osmaburg Occent Bags.
30° cut 36°, Fulton Quality

Total Expenditure: Not to exceed \$67,675.00.

All in accordance with the terms and contitions contained in said purchase order.

There being no further business, the meeting adjourned.

MOUNT MINT ADDITOVED	
O.E. Charle Gon	MEKEN Secret
	- Secreti
T. A.E	W.H.M. Wyf Madowerof
T. H. E. Thylor M. Chin	
B. E. A. Raiph It. acum	H.F.M. M. T. Miller
H.H.A. Mayor W. Cleur	J.V.H. Similar

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON FORTLAND CEMENT COMPANY

Held, Thursday, March 21, 1929, at 10:00 o'clock a.m., at the principal office of the corporation, West Orange, N. J.

Present: Chirles Edison, President; Huny Lanshum, W. H. Masdowcroft, Harry F. Miller, John V. Miller, C. S. Williams, Jr., Directors; H. H. Eckert, W. D. Cloos, Vice President, Vice Presiden

The meeting was called to order and presided over by the President,

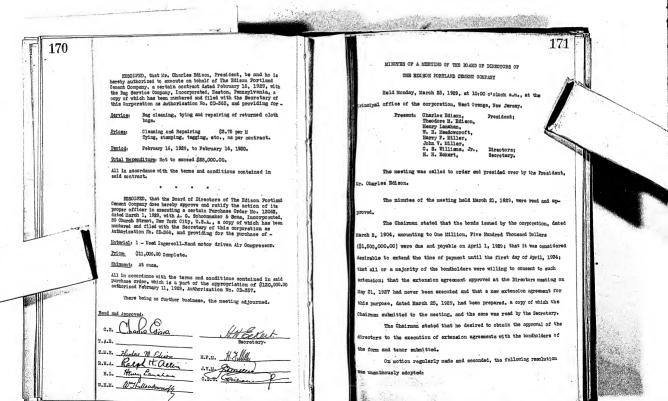
The minutes of the meeting held March 8, 1929, were read and approved.

Mr. Harry F. Miller stated that it has been the custom of this company to procure a loan from Thomas A. Edison, Incorporated, in ascents as required from time to time to cover our winter operations, and requested the approval of the Board of Directors to the proper officers of Edison Portland Cement Company arranging for a loam of 2100,000,000, at 65 interest.

On motion regularly made and seconded, the following resolution was unmnimously adopted:

ESSOUND, that the proper officers of Rdison Fortland Cement Company be and they are hereby authorized to borrow up to but not exceeding One Eundred Thousand Pollars (\$100,000,00) from Thomas A. Edison, Incorporated, in accounts as required from time to time to cover our winter operations, interest on the smounts borrowed to be payable nouthly at the rate of six percent (\$6\) per amms.

At the request of Mr. W. D. Oloos, on motion regularly made and seconded, the following resolutions were unamimously adopted:



RESULTED, that the proper officers of the corporation and they are hereby authorized and instructed to execute with Fidelity Union Truet Company, of Newark, New Jereey, and such of the bondholders of the company as are willing to sign the same, an agreement or agreement of the following form and temory

"MINISTRAS, the Company Aid, on Merch 2, 1994, exposite and caliver to Williamschupfh rank Company, a copretation organized and existing under the laws of the State of Hew York, as Crustee, a certain not tages and deed of true of the property as therein particularly described, to secure the payment of the principal or Buillion 719* Remarked Thomand Dollars (21,000,000) of books on April 1st, 1929, with interest thereon semi-semmally at the rate of six pay cent; per name, which said bonds, each dated Hards, 1934, were duly exceuted and delivered to end Frustee, office of the Origes and deed of trust recorded in the Olera Confider of the Company of March, 1904, and the Confider of the Company of March, 1905, and the Portagese for said county on pages 1 etc.; mm

"WHEREAS, the Bondholder is now the owner and holder of bonde, numbered , issued and outstanding and secured by the above-mentioned mortgage and deed of trust; and

"MIRRIANS, thereafter, and on or about the Rand day of Match, 1911, and Williamburgh, Trust Company tendered its resignation, as Trustee under the end mortgage and deed of trust, which said production and antly accopted, and Fidelity Trust Company (now related to the said of the Said of New Jersey, and haring the principal ordice at the Said to New Jersey, and haring the principal ordice at most the Said of New Jersey, and state of New Jersey, and any appointment of New Jersey, and the Country of Resear and States of New Jersey, was duly appointment the Country of Research and the Said of New Jersey, the Said of New Jersey, and the Said of New Jersey (New Jersey) and the Said of New Jersey (New Jersey) and the Said Occupant of New Jersey (New Jersey). The New Jersey (New Jersey) and the Said Occupant of New Jersey (New Jersey) and the Said Occupant of New Jersey (New Jersey). The New Jersey (New Jersey) and the Said Occupant of New Jersey (New Jersey) and the Said Occupant of New Jersey (New Jersey).

"WHEREAS, the Company is now the owner of the premises described in eaid mortgage and deed of trust; and

"MUMERIA, the Company Proposes, and Pidelity Union Trust Company, as Trustee, recommends, that the time for the payment of all deed of the bened under and secured by the one tragege and that the tense of said notinges and deed of trust and of the band or bonds owned by the Boncholder, be modified in the memory hereinster "MOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to each by the other in hand paid, the receipt whereof is hereby skowniedged, the parties hereto hereby mutually covenant, promise and agree to and with each other as follows:

*The Bondholder does hereby assent to, authorize and agree that the provisione of the said mortgage and deed of truet and of the bond or bonds owned by the Bondholder, be so modified as to provide that the time for the payment of the principal sum of said bond or bonds be extended to the first day of April which will be in the year One Thousand Nine Hundred and Thirty-four with interest thereon at the rate of eix per cent. per amnum, payable semi-amnually on the first days of April and October in each year during such extended period, and that the principal and interest as aforesaid and the interest represented by the coupons now attached to said bonds shall be payable at the office of the Trustee, Newark, New Jersey; and that each of said bonds shall have attached thereto, upon presentment at the office of the Company at West Orange, New Jersey, additional coupons for the payment of interest as aforesaid, and the Bondholder agrees to present each of eaid bonds owned by him at the office of the Company, at West . Orange, New Jersey, and that the Company shall cause each of the bonds when so presented to it to be etamped or endorsed with or to have affixed thereto a notice reading as follows:

THE EDISON FORTLAND CENERT COMPANY

Notice of Extension of the attached First Mortgage Six Fer Gent. Simking Fund Gold Bond No._____, dated March 2,

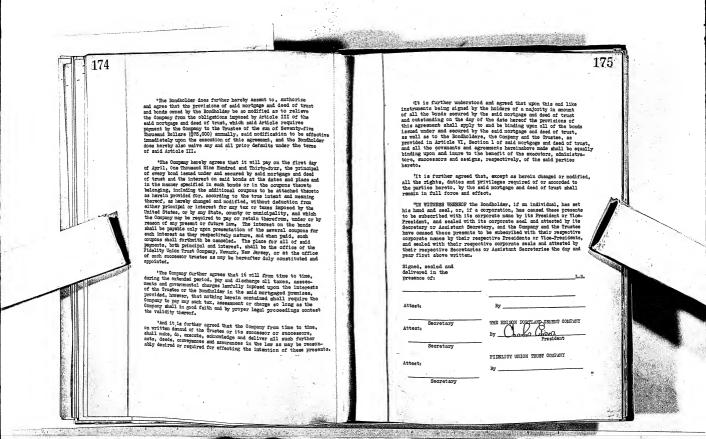
The time for the payment of this bond is extended until the first day of April, 1954, together with interest thereon according to the terms of the additional coupons hereto attached, subject to all the terms and contitions of the said bond and of the mortgage many man will insulate the said bond and of the mortgage many and will insulate the first here in the said bond and the source of the said bond and the said the said the said the said that the said the

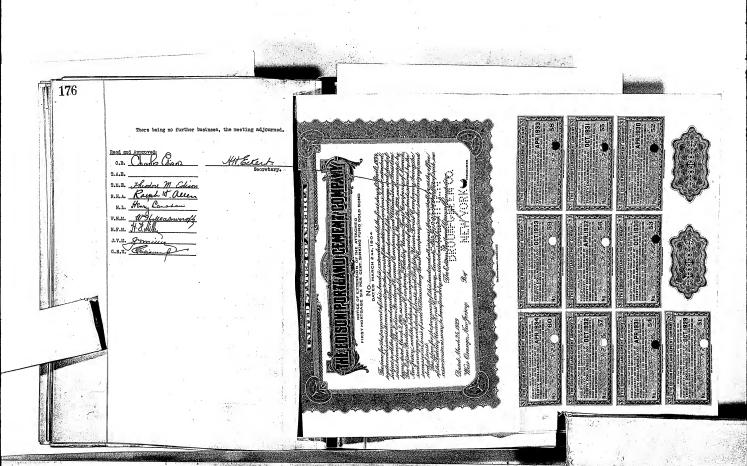
The place for the payment of this bond and all interest thereon shall be at the office of the Pidelity Union Trust Company, Newark, New Jersey, or at the office of such successor trustee as may be hereafter duly constituted and appointed.

The Edison Portland Cement Company

- Constant

Dated March 25, 1929 West Orange, New Jersey.





MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON FORTLAND CEMENT COMPANY

Held Friday, April 19, 1929, at 10:00 o'clock a. m., at the principal office of the corporation, West Orange, New Jersey.

Present: Charles Edison, President;

Theodore M. Edison, Ralph H. Allen, Henry Lanshan,

Henry Lanahan, W. H. Meadowcrof H. F. Miller.

J. V. Miller, C. S. Williams, Jr. H. H. Eckert, W. D. Cloos,

Directors; Secretary; Vice President.

The meeting was called to order and presided over by the President,

Mr. Charles Edison.

The minutee of the meeting held March 25, 1929, were read and approved.

At the request of Mr. W. D. Clocs, on motion regularly mads and secondsd, the following resolutions were unmimously adopted:

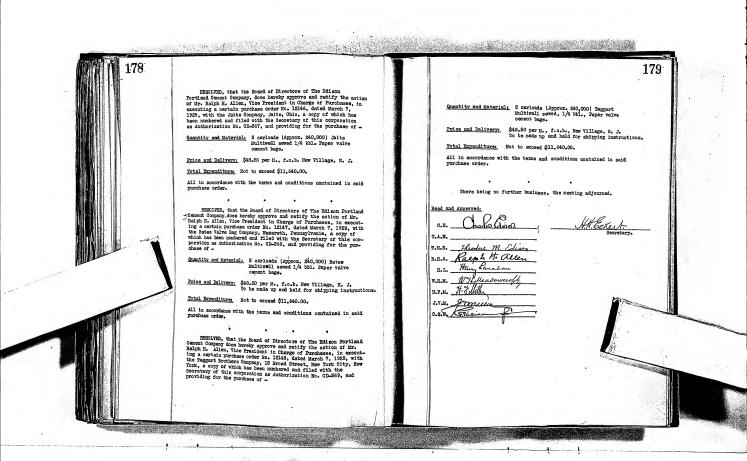
MESOLYED, that the Board of Directors of The Edison Fortland Coment Company, does hereby approve and ratify the action of Hr. Righ H. Allien, Vice Freedant in Charge of Purchases; in executing a certain purchase order No. 12004, dated Pebruary 38, 1202 in executing the Fuller Company, Ontasengua, Fennsylvania, a copy company contains the Fuller Company, Ontasengua, Fennsylvania, a copy company and the secretary of this company of the Authorization No. 00-365 (being a part of this company contains of \$120,000.00 authorized Pebruary 11, 1203, Authorization No. 00-367), and providing for the purchase of a

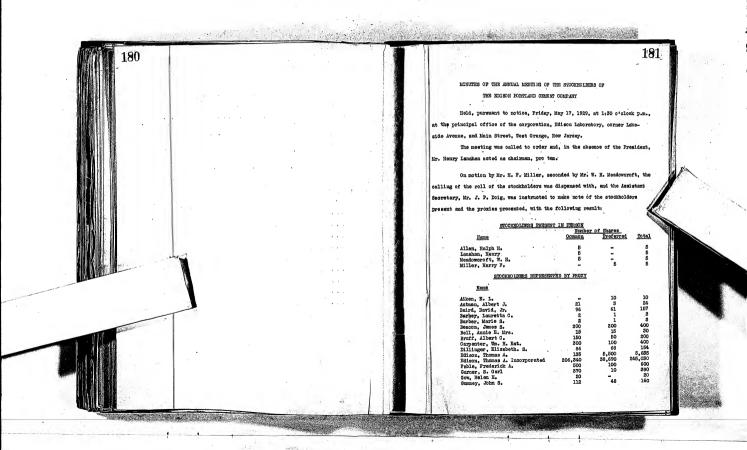
Quantity and Material: 1 - Fuller Kinyon Pump with conveying eyetems, valvee, bands, etc.

Price and Delivery: \$18,747.00 Complete, including all licenes fees. Shipment at once.

Total Expenditure: Not to exceed \$18,747.00.

All in accordance with the terms and conditions conteined in said purchase order.





	Numl	er of Sharee	
Name	Common	Preferred	Total
Haerer, Frederick J.	34	-	34
Hanna, Anna L.	100	7	100
Harper, Jessie Cornell	125	25	150
Harper, Wm. Henry	-	2 5	2
Hird, Allan, M.			5
Holland. Eugania F.	34	34	68
Howell, Maude, H,	_	20	20
Jewell, Robert H.	21	. 5	24
Lilley, Blizzard & Company	364	141	E05
Martin, Daniel	15	1.5	20
	103	164	267
Mathieu, John P. McCarthy, Est., Chas. J.			
MOURICHY, Mate, Chase of		10	10
McCarthy, Tre.	=	20	20
Hiller, W. H.	-6	10	16
Morse, Alice J. Moyer, William J.		20	20
New Brunswick Trust Co. Sub.	-	20	20
Trustee, Est of E. Parmly, Dod.	50	20	50
	50	10	60
Ott, John F.	ĐŪ		5
Ott, Ludwig F.	-7	20	20
Parmly, Mrs. Lucy W.		20	20
Philadelphia Trust Co. Trustee,	224	96	520
u/w Constance M. Gummey, Decd.	20	96	20
Staniforth, Annie M.		279	279
Upton, Margaret A (L.C. Bonnell	<i>)</i>		
Warren, Arthur F.	. 5	.5	10
Wetzler, R. A.		22	22
White, Harry	404	325	729
Willett, Jane	328	97	425
Williams, C. S. Jr.			
Total Shares 2	10,232	46,210	256,442
Marie 1			

A majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The Assistant Secretary presented and read a copy of the notice of the mesting, together with the proof of the due mailing thereof, to each stockholder of the Corporation at least ten days prior to the meeting, as required by the By-Lama.

The transfer book and the stock book of the Corporation, together with a full, true and complete list in alphabetical order of the etockholders entitled to vote at the enuming election, with the address of each and the number of shares held by each, were produced and remained during the election own to inspection.

On motion by Mr. Marry F. Miller, seconded by Mr. W. H. Meadowcrott, and by misminous affirmative vote, the reading of the minutes of the previous annual meeting of the stockholders was dispensed with.

Messre. I. W. Walker and W. L. Ramage (neither of them being a candidate for the office of Director) were appointed Inspectors of Election and duly sworm.

On motion by Mr. Harry F. Miller, seconded by Mr. W. H. Meadowworft, Measrs. Relph H. Allen, Thomas A. Edison, Charles Edison, Theodore M. Edison, Henry Lannham, W. H. Meadowworft, Marry F. Miller, John V. Miller and C. S. Williams, Jr., were nominated for Directors of the corporation, to hold office for the ensuing year, or until their successors shall have been elected and coulified.

No other nominations having been made, a motton was made and ecconded that the nominations be closed. The poll was declared open by the Chairman at 145 o'clock p.m., and the stockholders prepared their ballots and delivered than to the Impectors.

On motion by Harry F. Hiller, seconded by W. H. Meadoworott, and by unanimous affirmative vote, the reading of the minutes of the Directors' meetings held since the meeting of the stockholders on May 18, 1928, was dispensed with - the minute book being last open for inspection by anyone desiring to do so.

on motion by Mr. Harry F. Miller, seconded by Mr. W. H. Meadowcroft, the following resolution was unanimously adopted:

RESOLVED, that the acts of the Directors and Officers on behalf of this corporation as set forth in the minutes of the Directors' meetings held since the smuul meeting of the Stockholders on May 18, 1928, be and the same are hereby approved, ratifieds and confirmed.

During the balance of the hour that the poll was required to be kept open, and in the absence of Mr. Charles Edison, Mr. Junes P. Roig reported on the results obtained from operations during the year 1988.

We produced 2,278,936 barrels of finished oment during 1928 as compared with 1927 figures of 2,145,931 barrels. Compled with this inorease in production we have a decrease in cost of \$.059 per barrel.

The total shipments for 1928 were 2,509,756 barrels compared with 2,380,862 in 1927. During 1928 we purchased from outside sources 71,881 he rels of coment, whereas we purchased 501,127 barrels of coment from outside sources in 1927, which means we were able in 1928 to produce and sell more of our own coment. There is an apparent decrease in sales of 70,000 barrel but a study of the figures for the two years shows that the decrease is not a falling off in sales or demand of <u>Edison</u> oceant but that modification of our sales policy in 1928 is the reasons.

Mr. Doig explained that in 1927 we built up a volume of sales very much in excess of our our mill production. This was done to strengths the demand for <u>Pailson</u> ownent and it necessitated purchasing coment from other mills on which there is only a small margin of profit. During 1928 we curtisized our sales to some extent to movid purchasing from outside mills as much as possible, and we only retained as much of the increased volume as we felt we should handle advantaceounty. The net sales price of coment for 1928 was \$1.566 per barrel as egainst \$1.568 per barrel in 1927. This is a phase of the coment industry to which considerable thought is being given. The sales price of coment shows a continued downward trend and our company alone can accomplish little or nothing to better this condition. We are giving this matter continuous study, and we continue to hope that our efforts for a better price will bear fruit in the near future.

We are pleased to report a net profit for 1928 amounting to \$117,280.85 as against a net loss of \$122,649.81 for 1927. This showing can be attributed to lower mill cost.

Mr. Doig further reported that it was estimated up to May 31, 1929, that our mitgeents would be 50,000 berrels less than they were in 1928, however, this does not necessarily mean that we will not ship as much essent as we did in the previous year but rather that deliveries are slower this year than last. We expect to have a further decrease in mill cost which we hope will be sufficient to offset may decrease in sales by reason of price.

The poll having remained open at least one hour, was closed and the Immeeters presented their report in writing showing that the following gentlemen received the number of votes set opposite their respective numes:

Ralph H. Allen Charles Edison Thomas A. Edison Thomas A. Edison Henry Lanahan Henry F. Miller John V. Miller C. S. Williams, Jr.

Number of Votes

256,442
256,442
256,442
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256,442
256.442

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The Chairman thereupon declared the above named gentlane by elected Directors of the corporation, to hold office until the next and mosting, or until their successors shall have been elected and quality.

The Secretary was then instructed to insert in the minute bod, for the purpose of reference, the following papers:

- 1. Copy of the notice of the meeting called for May 17, 1929,
- 2. Form of Proxy.
- 3. Inspectors' Oath and Report.

There being no further business, on motion regularly made misseconded, the meeting adjourned.

Read and Approved:

0.E. Charlo (dio 10

R.H.A. Raiph H. aum

H.I. Wyfilleadowordy

J.V.M. Some

C.S.W. Grician

Edison Portland Gingent Co.

ORANGE, N.J., U.S.A.

May 2, 1929

To The Stockholders of

THE EDISON PORTLAND CEMENT COMPANY:

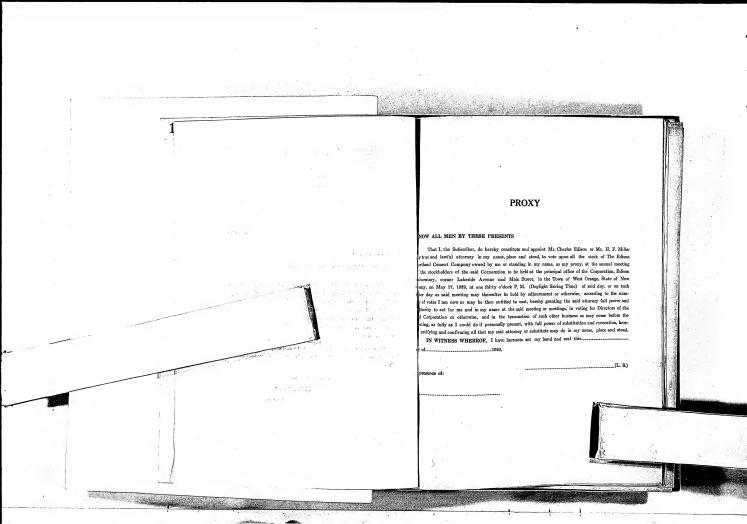
The annual meeting of the Stockholders of The Edison Portland Cement Company will be held on Priday, May 17, 1939, at 130 o'clock P. M., (Daylight Saving Time) at the principal office of the Corporation, Edison Laboratory, comes of Lakudida Avenue and Main Stroet, West Oranga, New Jensey, for the purpose of electing a Beard of Directors and receiving and acting upon the reports of the officers, and for the transaction of such other business as may properly come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope,

Yours very truly,

H. H. ECKERT.

Secretary.



The Spirit manner of the party and spirit was SSI CONTRACTOR OF THE CONTRACT COUNTY OF ESSEX YX:57 H. H. Hokert, being duly sworn deposes and says that he is the Secretary of The EDISON FORTLAND CEMENT COMPANY, a corporation of the State . . . NEWS OF THE SECURE SECURE OF A WEST OF THE of New Jersey; and that on the 3rd day of May, 1929, he caused a notice of the Annual Meeting of the Stockholders of said corporation, a copy of which is and the law a make a few property to date to the few parts of and the continues and the mean of their terms of the party of the transfer ammend hereto, to be mailed in a scaled envelope, postage prepaid, addressed make a value of the state of th with the control of the wife of the control of the to each of the stockholders of record of said corporation at his or her address as the same appeared upon the records of the corporation. The state of the speed thought on the seasons Tarley and the second of the s CHARACTER STATE OF THE STATE OF Mr. 1224 . A Land , remain all allem policembers conversolds the very often we to change it a dies e 2 14 can hale the price see here of 401 -0 3-1-0 to The state of the s Subscribed and sworn to before me Wallange Robins 210 The kind two AND LONG POL William Marchan

STATE OF NEW JERSEY | Tr de trade de trade de trade de la companya de COUNTY OF ESSEX District of the state of the state of the state of Heasrs. I. W. Walker and W. L. Remage being severally sown, upon their respective oats; do promise and smear that they will faithfully, honsetly and impartially perform the duties of Inspectors of Election at the election to be held this day for Directors.0f.TEE STATE OF MEN JERSHY COUNTY OF ESSEX EDISCH FORTLAND CEMENT COMPANY, and make a true report of the same. H. H. Bokert, being duly sworm deposes and cays that he is the Socretary of The EDISON FORTLAND ORDERT COMPANY, a corporation of the State Subscribed and sworn to before me this 17th day of May, 1929. of Now Jersey; and that on the 3rd day of May, 1939, he caused a notice of the Annual Mosting of the Stockholders of said corporation, a copy of which is Notary Public for State of New Jersey amnowed hereto, to be mailed in a sealed envelope, postage propaid, addressed My Commission expires July 8, 1929 to each of the steamholders of record of said corporation at his or her ad-We, the undereigned, Inspectors of Election, report that having taken oath imperitally to condust the election of Directors of the above-maned corporation, we did receive 256,442 votes of the stockholders by ballot, and that the following persone received the number of rotes set dress as the case appeared upon the records of the opporation. opposite their names, to wits-Number of Votes For Directors Ralph H. Allen 256,442 Charles Edison 256,442 256,442 Thomas A. Edicon Subscribed and sworm to before me 256,442 Theodore M. Edison 256,442 Henry Lenahan . 256.442 W. H. Meadoweroft Harry F. Miller 256,442 John V. Miller 256,442 C. S. Williams, Jr. Page Bradgarders Mars St. C. The Legal Steads States Seat of The terminates

GULTE OF NEW JERSEY) SS:

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Weller Land

Subsort bed and smorn to before me this 175h day of flay, 1859,

Notary Public for Eleto of Nov Inc. of New Constitution expect for U. 1889

For Directors

John V. Eiller

C. S. Williams, Jr.

in the undersigned, inspectors of linding, regard that, having been eath imputibility to someth the charice of of one of the control of one of o

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Themas F. Willer

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MINUTES OF THE ANNUAL MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held, pursuant to notice, Monday, May 20, 1929, at 11:00 o'clock a.m., at the principal office of the corporation, West Orange, New Jersey.

Present: Theodore M. Edison, Halph H. Allen, Henry Landam, W. H. Needoworoft, Harry F. Willer, John V. Miller, C. S. Williems, Jr., H. H. Edkort,

C. S. Williams, Jr., Directors; H. H. Eckert, Secretary; W. D. Cloos, Vice President.

The meeting was called to order and, in the absence of the President, Mr. Henry Lanahan acted as chairman, pro tem.

The Chairman stated that one of the objects of the meeting was to elect officers of the corporation to held office until the next annual meeting, or until their successors are elected.

The Secretary then read the list of officers provided for by the By-laws of the corporation, as follows:

Chairman of the Board of Directors President

Such Vice Presidente, including a Vice President in Charge of Purchasee, se may be determined upon by the Board of Directors General Memagor

Treasurer Secretary General Counsel

General Counsel
Such Assistant Treasurers as may from time to time be determined
upon by the Read of Directors

upon by the Board of Directors Such Assistant Secretaries as say from time to time be determine upon by the Board of Directors

upon by the Board of Directors

and, such other officers as may from time to time be determined
upon by the Board of Directors.

On motion by Mr. H. F. Hiller, seconded by Mr. Meadoworoft, and by unanimous affirmative vote, the following gentlamen were elected to fill the offices set opposite their respective names: -

Thomas A. Edison. Charles Edison W. D. Cloos Ralph H. Allen

- Chairman of the Board of Directore - President - Vice President & General Manager

C. S.Williams, Jr. Albert C. Bruff

- Vice President, also Vice President in Charge of Purchases - Vice President - Vice President & Manager New England District - Vice President & Manager New York District

Raymond A. Wetzler Harry F. Miller. Howard H. Eckert Henry Lanahan E. H. Philips J. V. Miller

- General Counsel - Assistant Treasurer - Assistant Treasurer - Assistant Treasurer & Credit Manager

J. C. LaRue J. P. Doig - Assistant Secretary F. C. Erwin - Assistant Secretary

- Treasurer

- Secretary

Mr. J. Hansell French was re-appointed Manager of the Philadelphia District.

Mr. Harry F. Miller stated that it has been the custom of this company to procure a losn from Thomas A. Edison. Incorporated, in amounts as required from time to time to cover our various activities, and requested the approval of the Board of Directors to the proper officers of The Edison Portland Cement Company arranging for a loam of \$200,000.00, which is in addition to the \$100,000.00 loan authorized for the same purpose on March 21, 1929, at 6% interest.

On motion regularly made and seconded, the following resolution was unanimously adopted :

RESOLVED, that the proper officers of The Edison Portland Cament Company to and they are hereby authorized to borrow up to but not exceeding Two Hundred Thousand Dollars (\$200,000,00) from Thomas A. Edison, Incorporated, in amounts as required from time to time to cover our Various activities, said sum being in addition to the \$100,000.00 loss sutherized for the same purpose on March 21, to the same purpose on maron --.
1929, interest on the amounts borrowed to be payable monthly at the
rate of six percent (6%) per amoun.

At the request of Mr. W. D. Cloos, on motion regularly made and seconded, the following resolutions were unanimously soduted:

RESOLVED, that the Board of Directors of The Edison Portland Cement Company, does hereby approve and ratify the action of Mr. Ralph H. Allen, Vice President in Charge of Purchases, in executing a certain purchase order No.12657, dated April 12, 1929, with the Jaite Company, Jaite, Chic, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. OD-371, and providing for the purchase of -

Guantity and Material: 6 carloads (approx. 480,000) Jaite Multiwall Sewed 1/4 bbl. Paper valve cement bags.

Price and Delivery: \$46.50 per M., f.o.b., New Village, N. J.
To be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$25,280,00.

All in accordance with the terms and conditions contained in said purchase order.

RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby approve and ratify the action of Mr. Ralph H. Allen, Vice President in Charge of Purchases, in executing a certain purchase order No. 12658, dated April 12, 1929, with the Taggart Bros. Company, 15 Broad Street, New York City, New York, a copy of which has been numbered and filed with the Secretary of this corporation as Authorization No. CD-372, and providing for the purchase of -

Quantity and Material: 6 carloads (approx. 480,000) Taggart
Multiwall semed 1/4 bbl. Paper Valve cement

Price and Delivery: \$48.50 per M., f.c.b., New Village, N. J.
To be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$23,280,00.

All in accordance with the terms and conditions contained in said purchase order.

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON FORTLAND CEMENT COMPANY

Held Wednesday, May 29, 1929, at 10:00 o'clock a.m., at the principal office of the corporation. West Orange. New Jersey.

Present: Charles Edicon, President;
Theodore M. Edicon,
Halph H. Allen,
Honry Lamphen,
W. H. Meadownorf.

W. H. Meadoweroft, H. F. Miller, C.S. Willisms, Jr. H. H. Eckert, W. D. Cloos.

Directors; Secretary; Vice President.

The meeting was called to order and presided over by the President, Mr. Oharlee Edison.

The minutes of the meeting held May 20, 1929, were read and approved.

At the request of Mr. W. D. Oloos, on motion regularly made and seconded, the following resolutions were unanimously adopted.

RESOLVED, that the Board of Directors of The Edison Fortland Coment Company does hereby approve the following memberships for the year 1929, in addition to those authorized January 29, 1929;

HESONTED, that the Board of Directors of The Edison Fortland Cement Company does hereby supprove and ratify the action of Hr. Charles Edison, President, in excepting a certain purchase order No. 12854, dated May 6, 1252, with the Pageart Frothers Company, 15 Eroad Street, New York City, New York, a copy of which has been fastion No. 03-274, may providing for the purchase of a sattlement of the Company of the

Quantity and Material: 4 carloads (approx. 320,000) Bates Multiwall sowed 1/4 bbl. paper valve coment bags.

Price and Delivery: 948.50 per M., f.o.b., New Village, N. J.
To be made up and held for shipping instruct. ions.

. Total Expenditure: Not to exceed \$15,520.00.

All in accordance with the terms and conditions contained in said purchase order.

There being no further business, the meeting adjourned.

Read and Approved:

T.A.E.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON FORTLAND CEMENT COMPANY

Held Wednesday, June 26, 1929, at 5:00 o'clock p. m., at the principal office of the corporation, West Orange, New Jersey.

Present: Charles Edison.

Theodore M. Edison. Ralph H. Allen, Henry Lanaham, Harry F. Miller,

John V. Miller.

W. H. Meadowcroft. C. S. Williams, Jr., H. H. Bokert.

Directors; Secretary.

President:

The meeting was called to order and presided over by the President, Mr. Charles Edison.

The minutes of the meeting held May 29, 1929, were read and approved.

Mr. Ralph H. Allen stated that Mr. Eugene C. Reed, who is his assistant, had been gradually assuming a line of duties which had placed him more and more in contact with outside stockholders, as well as other outside individuals and companies, and that in view of this activity it would seem advisable for Mr. Reed to be given some title to be used by him particularly in signing tax returns and outgoing correspondence.

On motion regularly made and seconded, Mr. Eugene C. Reed, was appointed Assistant Vice President.

The Secretary, Mr. H. H. Hokert, stated that Mrs. Eva J. Simkins, 327 South 15th Street, Philadelphia, Pennsylvania, had lost or mi slaid her stock certificate No. 1150 for twenty-four (24) shares of common stock of The Edison Portland Coment Company and had made an affidavit to that effect; that Mrs.

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Siminis had assigned her stock to Thomas A. Edison, Incorporated and request, at that a new certificate be issued to Thomas A. Edison, Incorporated; that Thomas A. Edison, Incorporated was willing to give a bond of indemnity in the sum of \$100,00 and that the Board of Directors were requested to authorise the issuemoe of a new certificate to Thomas A. Edison, Incorporated.

On motion regularly made and seconded, the following resolution was unanimously adopted:

EMERIAS, irr. STA . Siminins, SST South 15th Street, Philadaphia, Remarghrania is the second owner of twenty-four (24) shares of the owner stook of The Bilson Portland General Company, represented by certificate No. 1150, which said certificate irr., Simina claims to have been lost or midiald, and irrs. Siminical has easigned add stock to Thomas A. Edison, Incorporated and requested that a new certificate be issued for said stock in the meme of Thomas A. Edison, Incorporated, and

WHEREAS, Thomas A. Edison Incorporated was willing to give its ond of indemnity in the sum of \$100.00 to indemnity this corporation against all damage arising out of the reissue of said certificate,

NOW, COMMUNIONS, AN IN RESOURCE, that the proper officers of this corporation be and they are heaving mitoriate to issue a new cert. ficate for twenty-four (54) charge of common stock of this corporation to take the place of certificate No. 1150, alleged to have been lost or midsid, upon delivery by Thomas Aradison, incorporated of a smitch bond of indemnity in the must of no municaph bolizars (200.00).

There being no further business, the meeting adjourned.

0.E. Charles (die of)

Secretary.

E.H.A. Raish M. Chion

H. I. Hiny Canahan

W.H.M. WHillsadownoff

J. V. M. J. T.

C.S.W. Theren

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CHARRY COMPANY

Held Friday, Angust 2, 1929, at 10:00 o'clock a.m., at the principal office of the corporation, West Orange, New Jersey.

Present: Charles Edison,
Theodore M. Edison,
Ealph H. Allen,
W. H. Headowsoft,
J. V. Miller,

J. V. Miller, C. S. Williams, Jr., H. H. Eckert, W. D. Cloca,

Directors; Secretary; Vice President.

President:

The meeting was called to order and presided over by the President, Mr. Charles Edison.

les Edison.

The minutes of the meeting held June 26, 1929, were read and approved.

Er. Charles Edison stated that it had become necessary (to further

Mr. Oharles Edison stated that it had become necessary (no further open the Gement Rock quarry adjacent to our present operations, and that it was considered advisable to let out the stripping to an outside party; that a desirable figure had been obtained from a contractor numed Robert Rossert, who agreed to remove all material lying shove the bed rock, at the rate of \$.59 per cubic yard, and that a contract was executed under date of Auly 25, 1929 between The Edison Fortland Gement Company and Robert Rossert covering the removal of said material, the Edison Company guaranteeing the Contractor that there shall be at least one hundred thousand (100,000) cubic yards of meterial to be removed under this contract. Mr. Edison requested the approval and ratification of the Board to the execution thereof.

On motion regularly made and seconded, the following resolution was

ESSOURDS, that the Board of Directors of this corporation does harmly approve and ratify the action of its proper officers in executing. Providing the providing for the removal of all material over the emerge providing for the removal of all material over the emerge providing for the removal of all material over the common the area outlined in red on the bits print accompanying the count of the outlined in red on the shall be at least one hundred thousand [100, 100] outled yarde of the shall be at least one hundred thumsand [100, 100] outled yarde of the terms and conditions contained in said contract, a copy of which has been unbered and filed with a decrease, a copy of prestion as althorisation [0.0-277, the Septectury of this corporation as inthorisation [0.0-277, the Septectury of this corporation as althorisation [0.0-277, the Septectury of the septecture of

Hr. W. D. Cloos stated that under date of February 11, 1989, the Board of Directors sutherized the expanditure of \$120,000,00 to cover the erection and installation of four alles for additional storage facilities, and that this work is now completed. During the course of installation it had been found advisable to change and elaborate on certain features of the work and in so doing the original sutherization had been exceeded by \$23,473.88. Mr. Cloos, therefore, requested the approval and ratification of the Board of Directore to the additional expenditure as above set forth,

On motion regularly made and ecconded, the following resolution was unanimously adopted;

RESULTD, that the Board of Directors of this corporation does heaving most a raify the additional expenditure of \$25,473.85 for the erostion and installation learned time for additional tensor of the expension of the expension of \$240,473.85 for this muck, the original authorization of \$200,000.00 was sunborized on February II, 1929, Authorization No. (D-565.

Mr. W. D. Close stated that considerable thought had been given to the matter of replacing our present hand stoker boiler equipment with waste beat boiler equipment; the estimated cost of the new installation will be a total of \$65,718.00 and it has been estimated that the change would possibly result is savings of approximately \$12,000.00 per year. Mr. Closs further stated that we had received a proposal from The Babcock & Wilcox

Company, 85 Liberty Street, New York City, dated April 25, 1929, whereby they proposed to furnish Boiler, Economiser, Fan., Stack, Flue, Gate, all fittings, commection to our main lines, complete ready to operate for the eum of \$81,000,000; that in addition to the above equipment and labor to be furnished by The Baboock & Wilcox Company, it would require an additional expenditure of \$15,718,000 to cover Foundation, Building, Motor, Electrical Material and Labor, Sorew caire, etc., and he requested the approval and ratification of the proper officers in executing the acceptance of the above mentioned proposal from The Baboock & Wilcox Company and to muthorise the additional expenditure as above outlined.

On motion regularly made and seconded, the following resolutions were unamimously adopted:

MEMOURSD, that the Board of Miresters of this corporation does hereby approve and ratify the action of its proper officers in accepting a proposal from The Baboock #1150 Company of Liberty Street, kew Fork City, acked April 25, 1820. Company of Liberty Fam., Stack, Flue, bate, all fittings, commention rating Molley, Bonomiser, Complete ready to operate, said natural to replace our present and stoker boiler, and at a total expenditure not to exceed \$51,000,000 gall as is more fully set forth in said proposal, a copy of which has been numbered and filled with the Secretary of this corporation as Authorization No. Ol-79, and be if truther

RESOLVED, that the Board of Directors of this corporation does hereby subtorise the proper officers to proper officers to proceed with testain installation of material and sequence necessary for proceedings. Building, Motor, Heotrical Reterial and Labor, Serwer through the Building, Motor, Hostical Reterial and Labor, Serwer through in commotion with the installation of new waste heat boiler and equipment, at a total expenditure not exceeding \$18,716.00, and as is more fully outlined in an estimate which has been numbered and filled with the Secretary of this corporation as authorization No. One of the corporation No.

The Scoretary, Mr. H. H. Eckert, stated that Mr. Walter S. Mallory, 32 W. 40th Street, Engineers Club, New York City, had lost or mislaid his stock certificate No. 1241, for ten (10) shares of common stock of The Edicon Fortland Cement Company, and had made an affidavit to that effect; that Mr. Mallory had

assigned his stock to Thomas A. Edison, Incorporated and requested that a new certificate be issued to Thomas A. Edison, Incorporated; that Thomas A. Edison, Incorporated was willing to give a bond of indemnity in the sum of \$100,00 and that the Board of Directors were requested to suthorise the issuence of a new certificate to Thomas A. Edison, Incorporated.

On motion regularly made and seconded, the following resolution was unanimously adopted:

MERRING, Hr. Walter S. Hallory, SE W. 40th Street, Engineers Club, Now York City, is the record owner of ten (10) shares of the common of the Misson Portland General Company, represented by contification of the Company of the Compa

WHEREIS, Thomas A. Edison Incorporated was willing to give its bond of indomnity in the sum of \$100,00 to indomnify this corporation against all damage arising out of the reissue of said certificate.

NOW, THEOREMS, ME IT RESOLVED, that the Proper officers of this corporation be and they are hamberized to issue a mer corridions for ten [10] sharper of mathematical this corporation to take the Pinco of cortificates for 1524, alleged this corporation to middle, upon delivery by Thomas A. Ráison, Incorporated of a cutted that the control of the property of the pro

At the request of Mr. W. D. Cloos, on motion regularly made and seconded, the following resolutions were unanimously adopted:

RESOUTED, that the Board of Directors of The Edison Portland Coment Company does hereby superve and ratify the action of Nr. Raiph H. Allen, Yoo Previous Ton Charge of Purchases, in accounting a certain purchase order No. 1885, dated July 2, 1929, with the Taggara Brothers Company, 15 Books, dated July 2, 1929, with the Taggara Brothers Company, 15 Books, and Even York City, a copy of which has been numbered and filed street, Hew York City, a copy of which has been numbered and filed street, Hew York City, a copy of practice as Authorization No. 05-584, and growtling for the purchase of the Company of the Company

Quantity and Material: 6 carloads (approx. 400,000) Taggart Multiwall sewed, 1/4 bbl. Paper Valve Coment Bags.

Frice and Delivery: \$46.50 per M., f.o.b., New Village, N. J.
To be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$25,280.00.

All in accordance with the terms and conditions contained in said purchase order.

ESOLUMD, that the Board of Directors of The Edison Fortland Coment Compass have been by approve and ratify the action of Mr. Ralph R. Albay Ties Freedent in Charge of Purchases, in executing a cortain prefer he. 18597, dated Ally 2, 1929, with the faggart Erythers Compass Bread Erret, Few York City, a copy of which has been numbered and filed with the Scoretary of this corporation as Authorization Inc. On-Boss, and providing for the purchase of -

Quantity and Material:
6 carloads (approx. 480,000) Bates Multiwall
1/4 bbl. Faper Valve Cament Bags.

Frice and Delivery: \$46.50 per M., f.o.b., New Village, N. J. To be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$23,280,00.

All in accordance with the terms and conditions contained in said purchase order.

RESOURD, that the Board of Directors of The Edison Fortland Coment Company does bereby approve and ratify the action of Mr. Ralph H. Allen, Yleo Freedent in Charge of Purchases, in executing a certain purchase order No. 1859s, dated July 2, 1989, with the Jate Company, Jate, Chio, a copy of which has been unbeyed and filed with the Scorteary of this corporation as Authorization No. 00-364, and providing for the purchase of -

Quantity and Material: 6 carloads (approx. 480,000) Jaite Multiwall, 1/4 bbl. Paper Valve Cement Bags.

Price and Delivery: \$48.50 per M., f.o.b., New Village, N. J. To be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$23,280.00.

All in accordance with the terms and conditions contained in said purchase order.

200 Raysh It. ale.

Edison Portland Cement Company Records Stockholders and Directors Minutes (1929-1931) [photocopy]

This volume contains minutes from meetings of the stockholders and board of directors for the period September 1929-November 1931. Preceding the minutes is an index. Some of the pages are numbered, but the sequence of numbers is irregular. Approximately 150 pages have been used.

THE EDISON PORTLAND CEMENT COMPANY VOLUME 7

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\$27,105,59 Beme ters trag to #57,66,97, Beg Luce Co - Contract Boston Constilled you to . in front

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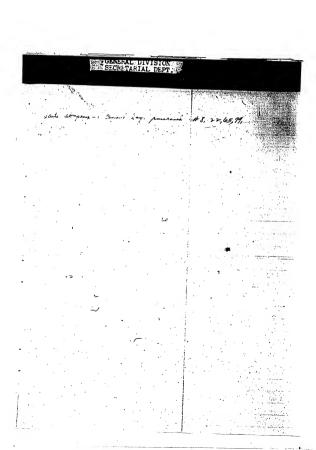
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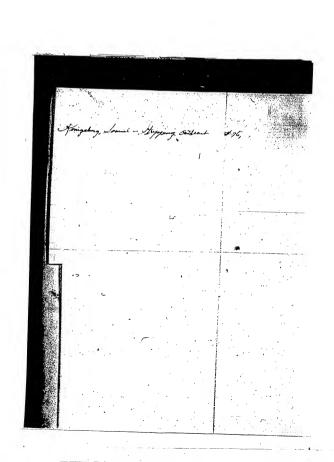
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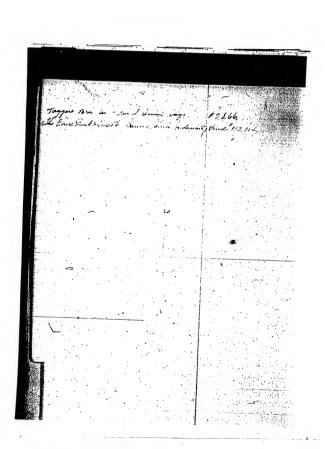
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GENERAL DIVISION The second of th

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SECRETARIAL DEPT.

MINUTES OF A MENTION OF THE ROLDS OF THEOREMS OF

Held Tuesday, September 17, 1929, at 10:00 o'clock as as, at the principal office of the corporation, West Orange, New Jarrany.

Present: Charles Edison, Presidents Theodore N. Edison.

Charles Edison, Theodore M. Edison, Henry Lenshen, Harry F. Miller, Ralph H. Allen, John V. Miller,

W. H. Mendoweroft C. S. Williams, J H. H. Bokert,

Directors; Secretary; Vice Preside

The meeting was called to order and presided over by the Pre-Er. Charles Edison.

The mirmtes of the meeting held angust 2, 1929, were read and

Part by D. Olloos stated that we are purchasing owner from contains one parts of the that he was unable at that time to tall exactly what our would be from outside mills, however, he intends to hold these purchases for minimum and he requested permission from the loant of Directors to purchasing quantity not to exceed 75,000 harvels from the Allentons Devitain form the Herostan Pertiant General Corporation.

On motion regularly made and seconded, the following resul unamimously adopted:

EMBOLIED, that the Board of Directors of this emperation does hereby authorize the proper officers of this company by purchase from cutation comments a quantity of comment most by concent 75,000 berreles the total expeditors not to graced \$65,375.00

vicinity of Washington, D. C., have reached the point where our comp to make certain changes in their method of distribution of coment in that territory to meet our competitors on a more equal basis, and that after e good deal of study an agreement had been thought out along the lines of leasing the facilities owned by the RosslynSteel & Cement Company, Washington. D. C., which would give us entire control of the distribution of our own cament at that point. The plan, however, to make it entirely feasible, necessitates the inclusion of the Mercules Cement Corporation, Philadelphia, Pennsylvania, in the arrangement. With this in mind, Mr. Cloos presented a leass with the Rosslyn Steel & Cement Company, Vashington, D. C., as Lessor and The Edison Portland Cement Company, West Crange, New Jersey, and Heronles Cement Corporation, Philadelphia, Pennsylvanie, jointly as Lessees, which lease covers the facilities now owned by the Bosslyn Company for the storage and shipment of cement. The lease covers a period of five years beginning September 9, 1929 and terminating September 8, 1954, for a total rentel of \$68,675.00 payable in squal monthly installments on the 9th day of each month, in advance, during the said term.

Hr. Gloss also presented an agreement between Mains Portland Committee Company and Revules Commit Corporation, covering their relationship and responsibility in all matter relations to the lesses and also that politication and liability for any alteretions, repairs, improvements, substitutions, or additions to the lessed premises. Mr. Gloss than required the approval and retification of the Board to the aforementioned lesses and

On motion regularly made and seconded, the following resolutions were ununimously adopted:

SECRETARIAL DEPT.

DEDLYES, that the bard of Directors of this corporation deep, heavy approve and with the cutter of the purpove officers is measured. a lease, dated amount H1, 1929, with the Bentyn Steal & Onmen's Onsening Rainington, D. Go., thereby pre-Biston Portland General Stealing and the Security of the Committee of the Committee of the Committee of the Security of the Committee of the C

HEDLYED, that the bard of Directors of this corporation does been appropriate that the bard of Directors of this corporation does in Agreement, select darges at 1979, with the presence formed force for discounting a farmants, select darges at 1979, with the presence force for the the lass of corriain featilities for the storage and ablasts of content to last a port fully set tork in said agreement, a copy of which has; been makered and filled with the Secretary of this corporation as intimutation to, con-2070.

Ex. y, D. Close presented on Agreement, dated gard 16, 1889, we'ven
the balance, Ladymenta and Vestern Railrood Congary and The Sizon Freeling
the most Conguey, observations agree to Indomnity this Railrood Congary against less
of life or property, or damage to persons or property, by reason of the
Sailrood Conjuny over our tracks located near our quarry at New Filliage
are lessy. The Agreement settes that the Genealt Congary shall not be liable
eccess of the sum of Founty-free phoneand bollars(\$25,000.00) for the loss of
life or tailury to any one person, or the sum of Funity-free Romand Bollars(
\$25,000.00) for the loss or damage to property in any one solutions. The Railrood
stated that the comment Congary was fully covered by insurmone in the Railrood
liable paide the afterestic agreement and be requested the approval and railries
of the Boatt to the secontic throught.

On motion regularly made and seconded, the following resolution was unamimously adopted:

MEDITOR, that the Board of Mirectors of this scryposition does hereby agreeme and ratify the section of its proper officers in securities of behalf of the Minica Portland General Geograp, as the securities of behalf of the Minica Portland General Geograp, as the security of the Minica Portland General Geography and the security of the Company against anylose of life and property, or the damage to previous or property, resulting from the continuous of the objections by many against anylose of life and property or the damage to previous or the control of the continuous of the control of

At the request of Mr. W. D. Cloos, on motion regularly made and

nded, the following resolution was unanimously adopted:

EXCIVED, that the Board of Directors of the Misson Portland Comment Company does hereby approve and ratify the sation of Fr. 18439 S. Allen, Tel Primident in Charges of Purchases, in secretia a certain purchase order So. 1891s, dased, July 30, 1899, with the state of the Charge of Charges, and the Charge of Purchase which has been remarked and fallen the Son Charge of the purchas of —

Gamitty and Material: 1 cerical (approx. 100,000) Anderoscoggin Tubular Genont bags, sates valve hemsel top, 50° cut 55°, quality to be in according to the form of July 1, 1929,

Price and Delivery \$180.50 per thousand.
Shipment: The latter part of August, 1929.

Total Expenditure: Not to exceed \$15,050.00.

All in accordance with the terms and conditions contain purchase order.

	There being no further	business, the meeting adjourned.
Reed and	Approveds	
C.E	Charles Para	HHECKENT
7.A.E		V.H.M. Willsaubruneft
	Theolow M. Elico	
1.E.L.	Ralph H.au	n iva fibrille
H.L.	Hung kanahan	0.8.4

MINUTES OF A MENTING OF THE MOAND OF MANDEMES OF THE MOLEON FORFILAND CHRONIC COMPANY

Held Thursday, September 26, 1929, at 10:00 o'clock a. M., at the principal office of the corporation, West Orange, News Servey.

Sent: Charles Edison, Henry Lamban, Theodore M. Edison, Harry F. Hiller, Halph H. Allen, John V. Miller,

H. Headowcroft,
S. Williams, Jr., Directs
H. Eckert, Secrets
D. Cloca

The meeting was called to order and presided over by the Fru Nr. Charles Edison.

The minutes of the meeting held September 17, 1929, were read and approved.

Mr. V. D. Closs stated that on September 22, 1926, the Board of Directors emborised Mr. Bernett L. Alfain to sign Checks drawn on the funda of this Corporation carried in its account known as "Philadalphis and offer account," in the Bent of Forth America and Trust Company, Philadalphia, Party Sylvania.

As Mr. Airin has resigned and Mr. W. C. Rodenberger has been uppointed in his stead, it is necessary to revoke the above mentioned resolve and authorize Mr. Rodenberger to sign checks on said account.

On notion regularly nade and seconded, the following resolutions:
were unanimously adopted:

SECURIO, that the resolution scopies by the Board of firedters of this Corporation on September 28, 1928, enthersing an Security I. Altha to sign and Rr. J. Remail French to countertain to sign and Rr. J. Remail French to counterties account however a "Philadelphia to top opposition, coursed inlease or North America and Frunt Corporar, Philadelphia Phun. of North America and Frunt Corporar, Philadelphia Phun. of North America and the such provipt in receipted and revended, and be

EEDITES, that in addition to the powers and authority given to corridate orticers of the Ext and review (General General Gener

There being no further business, the meeting adjourned.

C.I. Charlo Cion

C.I. Charlo Cion

I.I.I. Flyton M Edien

E.I. Nated It accum

E.I. Hu Canata

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SECHETAHIAL DEPT

MINUTES OF A MERCINS OF THE MARD OF REMINORS OF THE REMON FORTLAND ORDERT COMPANY

Held Monday, October 14, 1929, at 10.50 o'clock a. m., at the principal office of the corporation, Fest Orange, Her Jursey.

Present: Charles Edison, Pr

Henry Lenshen, Theodore H. Bdison, Harry F. Miller, Ralph K. Allen, John V. Miller,

-W. H. Headoworoft, C. S. Williams, Jr. H. H. Boxert, W. D. Cloos,

Secretary: Vice President.

The meeting was called to order and presided over by the Freezia Kr. Charles Edison.

The minutes of the peeting held September 26, 1929, were read and

At the request of Mr. V. D. Closs, on motion regularly made and seconded, the following resolution was unminously adopted:

HEOLIER, that the Board of Birectors of the Miless Portland Cament Company does hereby approve and restify the action of Ex-Balle II allier, five Tresident in Charge of Prochess, in assemble to the Charge of Charge of Prochess, in assemble the Taggard, mouthern Company Medic, dated soptember 18, 1924, with the Taggard, mouthern Company Medic, dated soptember 18, 1924, with the Taggard, mouthern Company of the Charge of the Charge of the Unit of the Charge of the Charge of the Charge of the Charge of the Units corporation as Authorization Bo. Charge, and providing for this corporation as Authorization Bo. Charge, and providing for

Guestity and Material: 5 carloads (approx. 260,000) Bates Multimall Sewed 1/6 bblr, Paper Valve Coment Regard

Price and Palivery \$48.50 per thousand. Begs to be made up and half for shipping instructions.

Total Expenditure: Not to exceed \$11,640,00.

all in accordance with the terms and conditions contained in said.

EMBOLTED, that the Board of Directors of the Belleon by Protein Command Comman

<u>Quantity and Naterial:</u> 5 carloads (approx. 240,000) Taggart Hultiwall Sewed 1/4 bbl., paper Valve Generic Bage.

Price and Delivery: \$48.50 per thousand. Bags to be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$11,640,00.

All in accordance with the terms and conditions contained in said purchase order.

EEOLVED, that the Noard of Mirectors of the Edison Portland Generic Coppeny Goes hereby approve and rwitty these search and the Coppeny Goes hereby approve more restricted to the Coppen Coppens of the Coppens of the

Quantity and Material; S carloads (approx. 240,000) Jaite Bultiwall Sewed 1/6 bbl., Paper Valve Coment Bags.

Price and Delivery \$48.50 per thousand Bags to be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$11,640.00.

All in accordance with the terms and conditions contained in sai

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10	//	Commence of the Address of	SECTION CONTRACTOR OF STREET

DECEMBER OF A MESTING OF THE MOAND OF PERSONNESS OF

THE RIGION PORTLAND CREEK COMPANY

Eeld Thursday, December 5, 1929, at 10:50 o'clock a. m., at the principal office of the corporation, Vast Orange, New Jersey.

Present:	Charles Edison.	Prosidents
	Theodore M. Edison.	
	Henry Langhan.	100
	Harry F. Miller.	2.00
	Ralph H. Allen.	- 1
	John V. Hiller.	· 37
	W. H. Meadoworoft.	March 18
~	C. S. Villiame, Jr.	Directors: 31
•	H. H. Eckert.	Secretary;
	W. D. Cloos,	Vice President.

The meeting was called to order and precided over by the Freeldent Hr. Charles Edison.

The minutes of the poeting held October 14, 1929, were read and approved.

Er. E. E. Eckert stated that Er. William E. Eurybey and Mrs. E. Virginia Auchie Strong, both of Philadolphia, **Banayivania, here look or that district stone cortificates covering their holdings of the Edison Northead Generi Conjuny's capital stone, as follows:

Ce	rtificate Number	Number of Shares			In th	name of
-	852	222	Preferred	T.	111 m R	. Kurnber
	441	85	. •	u.	. Virgin	a Kemble S
	813	42		-		· * 11 418
	1050	83	Common			100
	1470			10.0		1. 13. 15.50

He further stated that Hr. William R. Europhys and Hrs. E. Virginia Eunlie Strong had nade affiderits to the affect that to tifficates had been lost or mislaid and that they had requested fine littless.

filling B. Nurthey and Mrs. Virginia Kamble Strong, with her imspend. Mrs. John M. Strong, were willing to give their bond of indemnity in the sum of \$1,000.00 and \$500.000, respectively, to indemnity the Edison Portland Coment Company against all damages arising out of, the release or said certificates.

On motion regularly made and seconded, the following resolution was unanimously adopted:

WHENGES, Mr. William R. Eurphey and Mrs. M. Virginia Kemble Strong are the record owners of the capital stock of the Edison Portland Genent Company, represented as follows:

Certificate	Number of			
Number	Shares	_	In the name of	٠.
852		Preferred	William R. Murphey	
441	.83		M. Virginia Kemble Str	one
815	42			
1030	83	Common		
1670	41		H H 15 W H	

which said certificates they claim to have been lost or mislaid, and have requested that new certificates be issued to them for the said stocker and

FIRERAS, Nr. Fillism R. Murphey and Mrs. Virginia Kemble Strong, with her hashend Mr. John M. Strong, were willing to give their bond of indemnity in the sum of \$1,000,00 and \$200,00, respectively, to indemnity this corporation against all damage arising out of the relation of said certification.

NOW, THERPOIR, HE IT HESSLYMD, that the proper officers of this composition is and they are showly authorised to issue of the composition of the composition of the composition of the following certificates alleged to have been joint or missial, upon delivery by Nr. Williem R. Numphey and Rres. N. Tigginie Remile Strong of a muthale bond of indemnity in the run of One thousand bollars (21,000.00) and Five Remired Dollars (800.00), respectively.

Certificate Eumber	Shares		In the name of
852 441	222 85	Preferred	William R. Murphey N. Virginia Kemble Strong
. 815 .	- 42		# # 1 TO #17 Programme
1050	65 .	Common	THE PROPERTY OF THE PARTY OF TH

SECRETARIAL DEPT.

ir. V. D. Closs stated that in accordance with a resolution passes at a needing of the heard of Mirectors, deptumber 17, 1829, unthorizing on purchase of command from outside owner companies, he now desired the newwrite and ratification of the heart to the purchases from the individual companies.

On motion regularly made and seconded, the following resolution was manimously adopted:

HENCLYED, that the Board of Mirectors of this corporation does hereby approve and ratify the action of its proper officers in purchasing eccent from outside concerns as follows:

Heroules Portland Coment Co. 12,501 \$14,065,68 \$11,005,68 \$79,845,98

There being no further business, the meeting adjourned.

1.1.2. Ohado land 1. M. L. Server 2.1.1.2. Market 1. Allen 2. Server 2.1.1.2. Market 1. Allen 2. Server 2.1.1.1. Market 1. Allen 2. Server 2.1.1.1. Market 1. Allen 2. Server 2.

SECRETARIAL DIVISION

MINUTES OF A MERCING OF THE ROLLED OF DERECTORS OF

THE RELECT FORTLAND CHICAT COMPANY

Held Toseday, December 17. 1929, at 10:00 o'clock a. m., at the principal office of the corporation, West Orange, New Arresy.

Present: Charles Edison,
Theodore H. Edison,
Henry Lumsham,
Harry F. Hiller,
Ealph H. Allen,
John W. Miller,
W. H. Meadoworft;

H. Edgert. Secretary;
D. Cloos, Vice Preside

The meeting was called to order and presided over by the President Mr. Charles Edison.

The minutes of the meeting held December 5, 1929, were reed and approved.

Mr. V. D. Cloos stated that the Board or Birectors, at a meeting hald Spetcher 17, 1929, authorised the leasing of the facilities owned by the Bossing steel & General Company. Washington, D. C., to the Mileon Provinced Commant Company and the hercales General Composition, jointly, the Jesse heist for a period of five years. At the same time, the Elvestors also entherized and Agreement between the Mileon Purtland General General and the Seventer Composition, covering their relationship and responsibility in all nations relating to the Lease, also their collections and liability for any almost a property and the contract of the Lease, also their collections and liability for any almost precise.

Since the signing of the lease and the agreement, the two companies
(Edison and Eeronlee) have been using the facilities which were made sprainless.

and they have also permitted the Lewrence Fortland Coment Company to use the facilities for the distribution of their coment.

Er. Close stead that after due consideration by the companies now using the warehouse, it had been considered necessary to form a new company to handle the problems of receiving, storage, and shipments of examine at this point. A Beleave Component on the state of the company are Korrie Kind, President, and L.C. Powers, Secretary and Treasurer, both of the Herenies Comment of the Directors are Korrie Kind, (Secretary and Treasurer, both of the Herenies Comment of the Directors are Korrie Kind (Secretary).

Er. Closs stated further that the total treasury, stock or the new company, consisting of two hundred shares of no per veine, is now ready ror distribution. The plan at present is that the three companies now uning the facilities (Hercules, Edson and Learneon) will seak that forty shares of the stock of the Veshington Conent Warshouse Company, of a Cont to each of the companies of \$5,000.00. The poney realised from the sale of the stock is to be used as Worting Capital by the Washington Comment Warshouse Company, and the noney will only be dishursed in papeant of courant and necessary expenses in commention with the operation of the facilities lessed by The Edson Toyland Commit Company and the Agrounde Commit Componition, jointly, from the Rosslyn Steel & Commit Company of Washinston, D. G.

it is also planned that the current expenses of operating will be billed southly by the new corpusy to the companies using the facilities, on a you rate basis. At the expiration of the lease and agreements, the intention is to raturn to the contributing companies the full second of their subscriptions. Ir. Closs then requested the approval and ratification of the best of Directors to the action of the proper officers in purchasing the farty shares of the capital stock of the washington Commun Warshouse Despuny, as above set forth, at a total capsailture of \$2,000,000.

On motion regularly made and seconded, the following resolution; unamimously adopted;

SERVITED. that the posts of Mrectors of this corporation does heaving spurce and rate of the section of the proper officers in purchasing, on behalf of the the section of the proper officers (rot) [40] sherred of the capital shoot of the Sendington experience (or property of the sendington of the Sendington of National Company, the shares being of no per value, at a total speed time of Five homesand holiers (85,000,000).

If. V. D. Closs stated that in order to meet the new comment specifications and also to increase production of finished comments of a residual cost per barrel, it will be necessary to again place in operation the two Zison Bolls, locating them in the Finishing Department; also, to comment of compact into finishing mills, along with the necessary motors, excesssion, to complete the work, Mr. Closs further stated that this work would cost 554,581.00 and he requested the authorization of the Deard theories. On notion regularly made and secondar, with officering resolution was ununimously adopteds

ENCOYED, that the Board of Directors of this corporation does bearing unther itself in proper of floors to proceed with the work income the proper of the process of the work income to under the process of the process of the process of the process of the properties and the process of the process of the properties and to encode \$6.45.000 at 11 macro-floor and the process of the properties and the work of the properties of

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	There being no fur	rther business, the nee	ting adjourned.	4 1 1
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Rus At so Board	Read and Approved:			- 1
Executive Board	C. 2.		NAC.	79.50
			M. Exer	-19 35 4
	T.A.B.		Secretary.	4-14-9
	- T. H. E. Theyfore M. She	<u></u>		
	R.H.L Raiph It. C	llun	·	
	H. In Henry Canada		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	V. H. W. Willeasowcie			
	H.P.M. # 3.11/16.		3394	
	R.F.M. WOMAN		100	A MARKET
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GENERAL DIVISION

MINUTES OF A MERTING OF THE HOARD OF DESIGNORS OF

Held Tuesday, December 26, 1929, at 15:00 o'clock a. me, at the principal office of the corporation, West Grange, New Agrang.

Present: Charles Edison, Precident;
Theodore N. Edison,
Ralph N. Allen,
Memry Lenshum,
Harry P. Miller,
John V. Miller,

Directors

The meeting was called to order and presided over by the President,
Er. Charles Edison.

The minutes of the meeting held December 17, 1929, were read and approved.

Kr. Earry F. Killer stated that pursuant to instructions from the Charles Mileon, he had again investigated the question as to which of the customating securities of the company sight be purchased to the best structure as a means of utilizing surplus cash variable in the company's treasury; that as a result thereof My. Thomas A. Edison had offered to sell to the company the entire right, title and interest in and to my moment up to \$350,000,000 per value of the Edison Portland General Company's Education Port Edison for Edis of their per value; and that after the consideration this after the test than the company of the time was a structure of the time of the company.

After discussion, on motion regularly made and secondes, the fullests resolution was unanimously adopted:

18 Read and Approveds Harph IT allen SECRETARIAL DEPT.

THE EDISON PORTLAND CHARGE COMPANY

Held Tuesday, James 16, 1990, at 10,00 o'clock a. m., at the principal office of the corporation, West Orange, New Jersey.

> Hent: Theodore K. Edison, Helph H. Allun, Henry Lanshun, Herry F. Killer, John Y. Killer, Wn. H. Meadoweroft, C. S. Williams, Jr.,

Directors; Secretary; Vice President

The neeting was called to order and, in the absence or the Fre-Nr. Henry Lenahan acted as Chairman pro tem,

The minutes of the meeting held December 24, 1929, were reed asproved.

Nr. F. D. Closs presented an Agreement between the Yandards
Varaboness Company and this Company, for approved, which sate forth in Sending
He sathods that the Yandardson Genemic Warshood Company III follow is the
receiving, storing and delivery of our community constituences, to benefits of a continuous at Wandardson, D. C., also the method of Milling the approach of the Varaboness, to be proposed to the Warshood Company of the Company o

Er. Close stated that the agreement covered a period of rim year, beginning deptember 1, 1939; that identical Agreements were to be examine the Common Companion using this pertionlar waveleness, and be desired the restriction of the board or Directors thereto.

On motion regularly made and seconded, the following resolution '

EMBLUTEM, that the hourd of Directors of this composition does brively approve and ratify the action of Nr. Mr. Jules. Ties Freedfant, in signing a certain Agreement, dated Junary 9, 1980, between the Manitagen Common Terebouse Company and the Saliesa Davilland Commit Company, covering a period of our year state of the Common Company of the Saliesa Davilland Commit Company, covering a period of our opening on the receiving, storing and delivering of our oscent to containers; all in accordance with the terms and conditions contained in said Agreement, a copy of which has been manipared contained in the Severings or this corporation as a interpretation of conditions.

Er. V. D. Closs presented a proposal from the MacDonald Spender Engineering Company, incorporated, corraring certain improvements of the facilities for handling coment shipments at Vanhington, D. O., and stated that these improvements were necessary in order to give prompt and necessary service to customers, also to reduce operating costs at this point,

Rr. Closs further stated that the cost of the work covered in the proposal from the Mandsald Spenoer Regimering Company momins to 532,866.00, and it was estimated that an additional sus of approximately 95,000.00 would be required to complete the work, making a total expenditure for these improvements of approximately \$42,000.00,

Mr. Cloos also stated that at the present time the Exercise and Lawrence Smont Companies are using the facilities at Washington, D. O., as well as our own company, therefore each of the companies would be called upon to pay an equal portion of the total expenditure for these suppronounce, which would make our portion approximately \$14,000,00, and he requested mithorization of the expenditure of this amount by the loans of

Directors

On notion regularly made and seconded, the following resolution
was unanimously adopted:

Nr. W. D. Closs asked for the approval of an expenditure totalling 599,612.00, covering the purchase and installation of a 18,000 KW, 6. 3. Generator, stating that he had under consideration for a long time in improvement of this kind, and that fortunately we had an opportunity now to proceed with the project at an expenditure which is a minimum for an installation of this kind.

Mr. Closs stated that we have been offered a 12,600 X.W. O. E. Generator, complete with repair parts, by the Ford Motor Company, Bearbons, Michigms, for a run or \$60,000.001 that the Generator has been improved and tested by our own sens and has passed our requirements satisfactoryly; that this second is included in the total expenditure of \$99,012.00.

Mr. Closs thereupon asked that opproval be given to purchase from the Ford Motor Company the "Surviva" and "Supair Parter as set forth in constituate for the sum of \$60,000,000, also that the expenditure of \$99,500,000 additional be sutherised to cover the complete installation of the equipment in our plant at New Yillage, New Arrey.

On motion regularly made and seconded, the following resolutions
were unanimously adopted:

ENDIFIE, that the loard of Directors of the Kaleen Portland General Company does bravily approve and ratify the action of Mr. Raigh H. Allen, Vice President in Charge of Purchasses, in scenariog a certain purchase order to, 18464, etch debenders 19, 1828, with the Ford Rottor Company, 5576 Sensire bond, Springer, 1828, with the Ford Rottor Company, 5576 Sensire bond, Springer, 1828, with the Ford Rottor Company, 5576 Sensire bond, Springer, 1828, with the Ford Rottor Company, 5576 Sensire bond, Springer, 1828, and 1829, 18

<u>Quantity and Material;</u> 1 - Used 12,500 K. W. Turbo Generator Unit, complete, as per attached list plus spare perts and switch equipment also shown.

Prios and Delivery: \$60,000.00 - Shippent to be made immediately.

Total Expenditure: Not to exceed \$60,000.00.

All in accordance with the terms and conditions contained in said

DESCINED, that the loard of Directors of this corporation does hereby authorize its proper officers to proceed with the vork necessary to cover the complete installation of one 12,000 K; W. O. E. descrator, necessary equipment, etc., at a total expenditure of to exceed 450,12.00; all in accordance with me estimate dated becamber 7, 1939, a copy of which has been membered and filled with the Secretary of this corporation as

At the request of Wr. W. D. Cloos, on motion regularly made and seconded, the following resolution was unanimously adopted:

HEDITED, that the loard of Mroedbys of the Mison Portland Geneat Coppur does harsby approve and ratify the action of Mr. Balbi R. Allen, Tick President in Charge of Problemses, in executing a certain prechase order, No. 1835, dated bosember 4, 1839, with the Julia Company, Jants, Ohto, a copy of which has been mashered and filled with the Secretary of this corporation as Inthorization No.Di-McM, and purchase of -

Quantity and Material; S carloads (approx. 240,000) Juite 1/4 bbl. Paper Valve cament bags.

Price and Delivery \$48.50 per thousand. Bags to be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$11.640.00.

authorisation No. CD-406.

All in accordance with the terms and conditions contained in said

Read and Approved:

Thoday M. Elise

Raigh H. au

SECRETARIAL DEPT.

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CEMENT COMPANY

Held Monday, January 27, 1930, at 10:00 o'clock as a set at the principal office of the corporation, West Grange, New Jersey

Present: Theodore M. Edison,
Halph H. Allen,
Henry Lenahan,
John V. Miller,
W. H. Medoveroft,
C. S. Williams, Jr.,
H. K. Eckert,
Scretary,

The meeting was called to order and, in the absence of the President, Mr. Theodore M. Edison acted as Chairman pre-tes.

The minutes of the meeting held January 14, 1930, were read and approved.

Mr. H. H. Eckert etated that the budget of memberships for the year 1930 had been completed and he desired to present men to the Board for its approval.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Portland Cement Company does hereby authorize the following memberships for the year 1930:

Aserican Soc. for Testing Mat. Aserican Sec. for Testing Mat. Aserican Sec. for Testing Mat. Boston Chamber of Commerce Boston Ch	2 30.00
Boston Chamber of Commerce Boston A. G. Eruff Boston A. G. Glub Woodland Woodla	
Boston A. G. Two districts of the following state of the following s	15,00
Woodland Golf Club Mass. Higheys Association Mass. Higheys Association Mass. Higheys Association M. H. French M. H. Rardwick M. H. Rardwick M. H. Boecher M. H. Boecher M. H. Doecher M. H. Doecher M. Cradit Marie Associ M. G. Randt M. H. Doecher M. Cradit Marie Associ M. G. Laffet M. A. States M. A. States Company Company Company M. M. States Company M. M. States Company M. M. States M. A. States Company M. M. States M. M. States Company M. M. M. States M. M. States Company M. M	40.00
Mass. Highway Association Merian Cricket Club Gommiry Club bot Virginia Www. Hardwick Mewark A. C. Cartaret Club Rotary Club Jersey City National Safety Council Www. Lardwick Wwants Washington, N. J. Klwanie Phillipsburgh, N. J. W. A Batace W. A. Batace W. A. Batace Company Com	88,50
Herian Cricket Club Country Title of Virginia Country Title of Virginia Country Title of Virginia Newark A. C. Carteret Club Country Title of Virginia Newark A. C. Carteret Club Newark A. C. Country Newark Seathington, R. J. C. Copany Company Company Country Co	137.50
Country Club of Virginia Maple Dale Country Club Del. Newerk A. C. New	5.00
Country Club of Virginia Raple Dale Country Club Del, Raple Dale Country Country Rational Safety Council Raple Dale Country Raple Dale	100.00
Newark A. G. Catters College- Grant College- National Safety Council N. T. Credit Marie Asso. N. T. Credit Marie Asso. L. G. Laffut Kimmis Phillipsburgh, N. J. Asso. of Hwny. Officials N. A. States N. A. States Coppany Coppany	60.00
Cartaret Club Jeresy City Relary Club Jeresy City Relarion Club Jeresy City Relarion Club Jeresy City Relarion Club Jeresy City Relarion Club Jeresy City Lance Conference Company Lancet Club Jeresy City Lancet Club Jeresy	25.00
Rotary Club Jeresy City Mational Safety Council P. E. Sandt N. Y. Credit Men's Asso. Kiwania Washington, M. J. G. LaRus Kiwania Phillipoburgh, N. J. G. H. Kckert Kiwania Phillipoburgh, N. J. Dittam N. A. Etal. Cofficials, N. A. Start, Cofficials, N. A. Start, Company New Jersey Contr. Asso. Assrican Connects Institute	50.00
Mational Safety Council P. E. Sandt N. Y. Gredit Man's Asso. J. C. LaRue Kiwania Washington, N. J. G. H. Eckert Kiwanie Phillipsburgh, N. J. J. Dittmar Asso. Of H'way. Officials, N. A. States Company New Jersey Contr. Asso. Asso. Associate Concrete Institute	82.50
N. T. Credit Man's Asso. Kiwanis Washington, N. J. Kiwanis Phillipsburgh, N. J. Kiwanis Phillipsburgh, N. J. C. LaRue C. H. Eckert Kiwanis Phillipsburgh, N. J. Company New Jersey Contr. Asso. New Jersey Contr. Asso.	50.00
Kiwania Washington, N. J. C. H. Eckert Kiwania Philipsburgh, N. J. W. J. Dittmar Asso. of, H'way. Officials, N. A. States Company New Jergey Contr. Asso. Company	40.00
Kiwanie Phillipeburgh, N. J. W. J. Dittmar Aeec. of Prwy. Officials, N. A. States Company New Jersey Contr. Aeec.	25.00
Kiwanie Phillipeburgh, N. J. W. J. Dittmar Aeeo. of Prwny. Officials, N. A. Statee Company New Jergey Contr. Aeeo.	19.00
N. A. States Company New Jergey Contr. Asso. American Concrete Inetitute #	15.00
American Concrete Institute	50,00
American Concrete Institute	200,00
	50.00
Contr. Anne. of Philadelphia	200.00
Cement Information Bureau	2,600,00
Cement Institute	6,000,00
Buildere Employers Asso.	40,00

There being no further business, the meeting adjourned.

Read and Approved; C.E. Miles M. Chara. T.N.E. Hadre M. Chara. C.S.W. France J. 12.20 R.H.A. Kelph M. Chara. H.L. Hay Chart. W.H.K. Williamsoff,

MOTOR GENERAL DIVISION

d.

MINUTES OF A MERCING OF THE BOARD OF DESERVERS OF &

THE EDISON PORTLAND COMPANY COMPANY

Held Thursday, January 30, 1930, at 10,50 o'clock a. Me. at the principal office of the corporation, West Orange, New Jersey.

> Present: Theodore M. Edison, C. 5. Williams, Jr., Balph H. Allen, Henry Lemshem, Earry F. Miller, John V. Miller,

diller,

adoverort, Directors;

ert, Secretary;

vice Presid

The meeting was called to order and, in the absence of the Freeta Mr. Henry Lamshan acted as Chairman pro tes.

The minutes of the neeting held January 27, 1930, were read and approved,

Hr. Henry Landau stated that certain changes were desirable to be gade in the By-less and submitted a draft of the proposed new by-less, the principal sections changed being as follows:

> Officers, President, Financial Executive, Treasurer, Assistant Treasurer, Secretary, Assistant Secretary, Checks, Notes, Contracts and Orders, and Assedments to Py-Laws.

Hr. Lemahan stated that these changes had already been dismussed with the various officers and nembers of the Board, and had received their informatapproval.

On motion regularly made and seconded, the following resolution manimously adopted:

RESOLVED, that the By-laws of this corporation be and they hereby seemed to read as follows:

THE EDISON PORTLAND CRAFTS COMPANY

ME LEGS OF STOCKHOLDERS

Querum

A majority of the stock issued and outstanding represented by the holders thereof, either in person or by proxy, shall be a quorum at all meetings of the stockholders.

Place of Restings

Laboratory, corner Lakeside Avenne and Kain Street, Feet Orange, County of Meser, the registered office of the Company in New Jersey.

Annual Restings

The semand newtine of the electholers shall be held on the third friday in ker of each years, he o'cloid by m., when they shall alset by a plumility wote, by hallot, the beautine the conservation person or these by-less, seed incombolier being entitled to one vote, in person or by proxy, for each share of stock registered in his or her mess, on the 50th day preceding the election, suchasts of the day of each election.

Notice of Annual Meeting:

Notice of the summal meeting shall be mailed to each stockholder, entitled to wote thereat, at his or her address as the same appears upon the records of the Company at least five days prior to the meeting.

Adjournment of Amunal Meetings

At much summal meeting, if the holders of the unjority of the stock thall see house the second second second second second have the power to adjourn to a day cortain and notice of the meeting on the adjournment day shall be joint by depositing the same in the Postcountries addressed to such stockholder entitled to vote at molt adjournment of the second second second second second second second the day of smiling, but if the bolders of a majority of the stock, be present in person or by proup, they shall have power, from time to time, of the adjournmenting meets he may endeave under our of the discount, meeting meets he may end

Special Restings

Special neeting of the stockholders shall, at the request of the charms of the loand of Directors or the Freedest, or two or more directors as of the loand of Directors or the Freedest, or two or more directors as of the control of the control of the loand of the l

Organization

The Chairman of the Joard of Directors shall have the right to present at all sestings of the stockholders, but if he be sheet or present at all sestings of the stockholders, but if he be sheet or present the result of the present of the stockholders by rote of the sheet or not desire to preside, the stockholders by rote of the amount of the local rate of the stockholders by rote of the stockholders by rote of the stockholders are passed or the bloar than the stockholders may designate by made or the bloar than the stockholders may designate by made or the stockholders by retained the stockholders, but in the should not as scottary of all sessings of the stockholders, but in the should not all sortering of the stockholders, but in the should not seen the special of the stockholders are all the stockholders are

SOURD OF DIRECTORS AND OFFICERS

Powers:

The business and the property of the Company shall be managed and controlled by the Board of Birectors, who may, subject to the provisions of the statute, of the charter, and of the By-Lzer, exercise all much powers do do all such things as may be exercised or done by the Company.

Runber and Term of Officer

The number of directors shall be nine. Each director, unless his office shall have otherwise become vacant, shall serve from the date of his election and equilification until the next-termsal nesting of the stockholders or until his successor has been elected and qualified.

Quorum

A majority of the Board of Directors shall be a quorum-for the transaction of business.

Motice of Meetings

Marting of the Secret of Directors may be called by the Secretary at the reserve to subchainment of the President, or of two of more directors, or one days excited the President or of two of more directors, or one days excited the president of one personal motion to each director at or may then prior to the martines. Botics of any meeting of the Board of Directors may be waited meetings. Botics of any meeting of the Board of Directors may be waited about the president of the Board of Directors may be waited the meeting of the Board of Directors that the president of the Board of Directors and the president of the Board of Directors and Directo

Place of Meeting:

The directors may hold their meetings, have an office and keep the books of the Company (amost those required by law to be kept within the State of New Jersey) outside of the State of New Jersey, as the directors may from time to time determine.

Officers:

The officers of the Company shall be a Scherman of the Board of Directors, a Freedears, and the Freedears, and the Freedears, and the Freedears, as Command as the Command of Directors, a Financial Executive, a Command Manager, as Command as the Command of Directors, and smoot chart of Command of Directors, and smoot chart of Command of Command

Term of Offices

Each officer of the Company, waless his office shall have when become vacant, shall serve from the date of his election until his sease shall have been elected, any officer or agent of the Company deal leg-ject to removal at any time by the affirmative vote of a majority of the loard of Directors.

Chairman of the Board of Directors;

him by the Board of Directors.

President;

The President shall be the chief executive of the Compuny. Employed to the heart of Directors, he shall have general charge of the heariness of the Compuny. In any preside a two meeting of the stockholders or directors, and the computer of the stockholders or directors, and the stockholders of directors of the Seart, although present, about prefer major preside. He shall have on the computer of the Seart, although present, about prefer major presides. He shall have on the president of the stockholders and the stockholders and the stockholders and the stockholders and the stockholders are defined in Articles "GERENT" and OFFICENT and O

Vice President:

Rach vice Precident shall have such powers and authority as the laws may provide or es may be from time to time delegated to him by the h of Directors. Hone of the Vice Presidents needs be a direct

Financial Executives

The Financial Executive, subject to the heard of Directors, and other the supervision of the Treatdent shall here full oberge of moneton with the significant content and the significant content shall be supervision of the significant content shall be supervised as a red defined in Articles THEREST and SCORPHONE AS A STATE OF COURSE. THE STATE OF THE STAT

General Managers

The General Manager shall do and perform such duties in conmection with the management of the Company's Dusiness as may be from time to time assigned to him by the Board of Directors, the Chairman of the Board of Directors, or the Fresident.

Treasurers

Subject to the control of the Board of Directors and the President, and under the direction of the Financial Executive, the Treasurer shall be rested with the following powers and shall perform the following darkies:

is shall receive all moneys due and payable to the Company from any source whateversy and may give receipts and endorse warrants in its mease for my and all payable made to the Company. He say the Company and all books or other undertakings required in the prosecution of such olders.

me shall deposit all moneys and other valuable effects in the name of the Company and to the oredit of the Company in such depository or depositories as may be designated by the Board of D freetors.

He shall have charge of the disbursement of the funds of the Company, taking proper receipts or wouchers for such disbursements.

He shall keep full and accounts accounts of receipts and disbureenests in books belonging to the Company and shall render whenever required account of his transactions as Treasurer.

He shall have the custody of the funds of the Ompany and of All securities and priders of cambiddens built by it. Including sortings, notes, dead or riddens or cambiddens built by it. Including sortings, in the shall be custodized or such other properties and effects of the Gomego as may be specified by the sourt offirectors, this Chairman of the Reard of Directors, the Chairman of the Reard of the Chairman of the Reard of Directors, the Rear

He shall have such powers and duties in connection with the signing and countersigning of checks, notes, drafts, and acceptance as are defined in the Articles "CHRIME" and "SUMME" of these Phylore.

With the President, or such Vice President as may be authorised se to do, he may sign obrifficates of stock of the Company.

He shall do and perform such other duties as may be from time to time assigned to him by the Board of Directors, the Chairman of the Board of Directors, the Fresident, or the Financial Excentive.

The Treasurer shall give a bond of a security company to be approve by the Board of Directors in the run of Fifty Thousand Dollars (\$50,000.00) for the faithful discharge of his duties.

Assistant Treasurer

Such instance Treasurer shall be vested with all the power and shall, make the distrible on the Planesha Charottee, perform all the daties of the Treasurer in his shemos, except an Charottee, perform all the daties of the Company, and shall do and perform much their chairs as may be from time to this manigand to his by the Board of Directors, the Chairman of the time to the manigand to his by the Board of Directors, the Chairman of the Rach Assistant Pressurer shall give a bond of a sourcity now the Towarder, by the Board of Directors in the sme of Tewaty-fire Thomasch Dollars (\$25,000,00) for the raithful discharge of his admiss.

. Secretary:

Subject to the control of the Beard of Directors and the President and under the direction of the Financial Executive, the Scoretary shall bevested with the following powers and perform the following duties:

He shall seep the minutes of all meetings of the Board of Directors, and the minute of all meetings of the Board of Directors, and the minute of the County of the County

He shall have such powers and duties in commection with the counters, signing of checks and the approval and ratification of orders and contractions are defined in the Articles "GREENS" and "GONFRICTS AND GREENS" of these Nylley

He shall have the outcomy of much original agreement, releases, insurance policies, deeds, leases and other papers or books as the poart of Directors, the Brisdian of the Board of Directors, the Friedrich of the Financial Executive any direct he Board of Directors, the Friedrich of the Financial Executive and the Board of Directors, the Friedrich of the Financial Executive and the Financial Executive and the Board of Directors of the Section of the Company of the Company of Themsonial Tenancial Consistence of the Government of the Company of Themsonial Consistence of the Sector of Themsonial Consistence of the Sector of Themsonial Consistence of Themsonial Con

He shall be sworn to the faithful discharge of his duties as Secretary,

Assistant Secretary:

Moh Assistant Secretary shall be vested with all the powers and shall, under the direction of the Financial geometry, persons all the chief the property of the financial geometry, persons all the chief the property of the property, the Creations, the Chairman of the power of Directors, the Creations, the President, the Primarial Enverty persons of the property of the persons of attesting the seal of the Company.

General Counsels -

The General Counsel shall be the chief consulting officer of the Company in all legal matters, and subject to the Board of Directors, all laws general control of all matters of legal import concerning the Company.

Vacancies;

If the office of any director become vacant by resem of death, resignation, disqualification, or otherwise, the resulting directors: or monester to he had been dead of the death of the temperature of th

Delegation of Duties of Officers;

In the case of the absence of any officer of the Company, or for any other reason which may seem sufficient to the Board of Directors the Board or Directors may delegate his powers for the time being to any other officer, or to any director.

KIRCHIJAMOUR

Checks

Emoyt as may hereafter be specifically provided by the Sourt of Directors, all checks drawn on the funds of the Company shall be signed only by the Treasurer or Assistant Frasurer, and shall be counteringed only by the Chairman of the Sourd of Directors, the Francisch, the Financial Emocritary the Sourcetary, or an Assistant Sourcetary.

Notes:

All promisory notes made by the Company and acceptances of draft's drawn on the Company shall be signed only by the Chairman of the Joseft of a control of the Joseft of the Company of the Joseft of the Company of any semi-control of profits of the Company of any semi-control of Joseft of the Company of the Joseft of Jimes of the Jimes of Jimes of Jimes of the Jimes of J

Contracts and Orders;

converse and unders.

Thousand notine of outracts involving an aggregate expenditure, of TenThousand holiars (\$00,000.00) or over, must, without assiption, be inthorised
or approved and involved and an approved and approved and approved and
approved and an approved and approved and approved any approved and
approved an approved and approved and approved any approved and
approved approved an approved and approved and approved approved any approved any approved any approved and approved approved any approved approved any approved an

Offices

The Company may have an office and transact business in such place ontside of the State of New Jersey as the Board of Directors may from these to time appoints.

Piscal Years .

The Fiscal Year of the Company shall begin the first day of James,

Dividender

Divisions mys. the works rook of the Compute, them emptoddual be proble a mind then the Compute, them emptodphyment of any divisions, or making distribution of profits, there may be set madies of the net profits of the Compute, when pure or man the directors may from time to this, in their absolute discoprison, think when the compute of the compute, and the compute, the compute divisions, or repairing, importing, minterialing, increasing or setending the property of the Compute, or for any other purpose which the directors shall think conducts to the interests, other Compute,

Signing of Stock Certificates:

Hash stockholder shall have a certificate signed by the President, or such Wice President as may be authorized so to do, and by either the Treasurer or Assistant Treasurer, certifying the number of shares owned by him in the corporation.

Amendments to By-laws;

The loard or Directors shall have power to make, alter or repeal the Sy-laws of the Company by a vote of a majority of all of the directors at any duly commend neating of the Board, but any Sy-laws ands or otherwise promulgated my be altered or repealed and me my-laws made by the stocholidars at any duly commend neating thereof.

Mr. Henry Landson, metaded that insemnch as the My-Lews of the Company had been assended, whereby the office of the Viso Freedom in Charge of Purchases was eliminated and a new office of the Financial Exacutive had been created, it was now mocessary to appoint someons to fill that office, and he recommended the appointment of the Balph E. Allien

On motion regularly made and seconded, and unminously adopted.

Mr. Ralph H. Allen was elected to fill the office of Financial Executive.

- in act and area to



At the request of Mr. W. D. Oleos, on motion regularly made and seconded, the following resolutions were unanimously adopted:

REGULTED, that the Board of Biractors of The Mison Fortisms Commant Company does hereby approve and ratify the selfum of The . H. H. Raterl, Sportsky, in executing a cortain purchase order, No. 50%, acted January Ed. 1930, with the Bosis Bruthars' Bag Gaspany, the Company of the Company of the Company of the Company of the Company (Illed with Company of this components as authorization to CD-4008, and providing for the pumphase of ...)

Quantity and Material; 350,000 Cameburg Coment Bags

Price and Polivery, \$115.50 per thousand.

Delivery: April, May and June in approximately equal quantities per month upon receipt of instructions from us

Total Expenditure: Not to exceed \$40,425,00.

All in accordance with the terms and conditions contained in said purchase order.

IROUTE, that the Board of Directors of The Miscon Portland, Commant Company (sees hereby approve and ratify the section of No.). It is above, Secretary, in executing a cortain processo order to the Miscon Portland of Miscon

Quantity and Material: Mescessary electric energy at Oxford
Furnace, New Jersey, in accordance with the terms of an
agreement dated June 30, 1928.

Delivery: For the year ending December 51, 1950.

Total Expenditure; Not to exceed \$10,800.00.

All in accordance with the terms and conditions contained in said

. There being no further business, the meeting adjourned.

Approveds

MINUTES OF A LERGING OF THE SCARS OF SIRROTORS OF THE EDISON PORTLAND CREEKY CONTANT

Held Thursday, February 20, 1930, at 10:00 o'clock a. H principal office of the corporation, Test Grange, Hew Jersey,

Present: Theodore M. Mdiso

Theodore H. Edison, C. S. Williams, Jr., Ealph H. Allen, Henry Lamban, Harry F. Hiller, John V. Willer, Wm. E. Meadoworoft, H. H. Eckert,

Directors; Secretary.

The neeting was called to order and, in the absence of the Precide Mr. Henry Lanahan acted as Chairman pro ten.

The mirates of the meeting held Jamery SO, 1930, were reed and approved.

Er. Harry F. Miller stated that it has been the custom of this Company to procure a loan from Thomas A. Edison, Incorporated, in smounts as required from time to time to cover the winter operations, and he requested the approval of the Board of Directors to the proper officers of The Edison Portis Cement Company in arranging for a loan of \$300,000,00, at 6% interest.

On motion regularly made and seconded, the following resolution was unanimously sdopted:

ESSOLVED, that the proper officers of The Edison Portland Common Corpany be and they are beyesy authorized to borrow up but not exceeding \$500,000 from Thomas A. Belson, incorporate in anounts as required from time to time to cover our winter operations, interest on the amounts be at the rate of six percent (6%) per m nts borrowed to be payable monthly nr. H. A. Access states that oning the absence or give President, of the Company, Nr. Charles Millon, and before the Sylaes could be obmande to permit Hr. Ralph H. Allem, as Vice President, to sign stock certificates it was necessary to issue certain certificates, and the requested the Board of Directors to sunthorises Nr. Allem to sign these certificates. On notion regularly made mad seconded, the following resolution

was unanimously adopted:

EMELLS, the following stock certificates of this corporation have been prepared for signatures of the President and Frasurer, and have been signed by the Frasurer.

Certificate Number	Number of Shares	Kind of Stock	Dated
1048	804	Preferred	December 17, 1929
1049	225	•	December 51. 1929
1954	2280	Common	December 17, 1929
1955	624	•	December 51, 1929

and

EMBLEY IV. Observe Matson, who should according to the hy-less sign these certificates as President of the corporation, is absent. NOT THERMONE, BE IT RESOLVED, that Mr. Ralph N. Allen be and he harshy is suthorized to sign the above described stock certificates as Vice President of the corporation.

There being no further business, the meeting adjourned.

Read and Approved;			
C.B			11.0
7.A.B.			HEKEL
I.H. E. Herdere M. E	dum.		secretary.
0.3.V. Sychian	1		
R.H.A. Raigh 10.			or bin
H. In Hony Cana		5 10	
T.H. W. Wylleadown	k	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	· · · · · · · · · · · · · · · · · · ·
H.P.M. Noulle	(4)	144.554	

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CRIEST COMPANY

Held Tuesday, March 18, 1930, at 10:00 c clock a. m., rincipal office of the corporation, West Grange, New Jersey,

. Henry Lanshan acted as Chairman pro ten-

Present: Theodore M. Edison,

Theodore H. Edison, G. S. Williams, Jr., Ralph H. Allen, Henry Lanaham, Harry P. Hiller, John V. Miller, Wm. H. Headoworoft,

Directors:

H. H. Eckert, Secretary.

The meeting was called to order and, in the absence of the I

The nimites of the meeting held February 20, 1950, were reed and

IIr. N. H. Extert exhibited and read a notice of the Annual Smith of the Vashington Consult Northones Company, to be hald at 1200 Fachana Smith Aniladelphia, Pennsylvania on Honday, March 24, 1200 at 5:00 o'clock a happurpose o'clecking a Board of Directors for the similar year and the remandition of rush other business as may properly come before the meeting. On notion regularly made and seconded, the following resolution was maniposally adopted.

ENGINED, that are one of the following mend officers; realtic Chairman of the South of Directors, the Freshout, or the Tenantive he and he is hereby subscripted and directed to execute using the seal of the composition a purzy apportung its general. I destrike the below markets and pracy of this composition and for it and in Realmond and the seal pracy of the composition and for it and in Realmond and the seal pracy of the composition of the seal of the seal common Tarabasas Company, for Directors, or other purposes, colorating within one north from the date of this meeting and also torote on any and all natures and questions which may be presented and considered at may amonal or special meeting of the stockbolders of said Tambington Genera Eurobeace Company, cocurring within said period, as rally and with libe effects as this conporation might or could have done had it been personally present and voting thermats.

At the request of Mr. W. D. Cloos, on motion regularly made and seconded, the following resolution was unanthously adopted:

REGITED, that the Sound of Directors of 7 he Mison Fortland Count Company does hereby approve and ratify the action of Hr. In H. McMert, Secretary, in accounting a cortain purchase, order, acted Forestry 26, 1300, with r. L. Clement & Company, Sential Company, and the Company of the Company

quantity and Material: Exterial, labor, tools, equipment, etc., necessary to install concrete foundations for 12,500 K. W. Turbo generator, as shown on our drawing 3-5471.

Total Expenditure: Not to exceed \$14,000.00.

All in accordance with the terms and conditions contained in said

There being no further business, the meeting adjourned

Read a	nd Approved;				
	- approved			• :	
C.E.					
7.A.R.					0
	Theodore M. Ed	arn_	· . —	199	601 800T
0.S.W.	Friend &	~			. 1
R.H.A.	Rains H. au	un			
H.L.	Hour Lanahan				
V.H.M.	W Steensowords		4, 4		
H.F.K.	H. J. Mille				
J.V.M.	growield.			17	1.3
	1			14.0	

MINUTES OF A MENTING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CROSS COMPANY •

Held Wednesday, Earch 19, 1930, at 11:00 o'clock a. m., at the principal office of the corporation, West Orange, New Jersey.

> Present: Theodore M. Edison, C. S. Williams, dr., Ralph H. Allen, Henry Lannhan, Earry F. Willer, John V. Willer, Wh. H. Kadoworott, H. H. Scheet,

Directors; Secretary.

The meeting was called to order and, in the absence of the President,

The mirmtes of the meeting held march 16, 1930, were read and approve

"Ir. Harry F. Hiller stated that Hr. Thomas A. Milcon hald eventy me, u-offs to so. U-offs inclusive, of The Milcon Portland Comment Comment; in an of \$100,000.00 each, totalling \$25,000,000.00, hearing interset is of \$6 per, mond, and \$100,000.00 each, totalling \$25,000,000.00 hearing interset to embangs that the manufed [200] non-interset bearing notes, dated Jamary 2, 1009, and a such most to be paid on the first of gash notes to be payable *mmary 53, 1900, and a such note to be paid on the last day of such month theresites mill \$110 mm. mon-interest hearing notes shall have been paid. He stated that Mr. Milcon for the sound in a resolution about to be offered at this metting.

Er. Hiller further stated that the Company had been paying are at interest up to the end of 1929 at the rate of \$10,000.00 per months, that by sum which it otherwise would have paid as interest would serve to reduce the principal of the indetectness that the proposed exchange of notes was besenficial to the Company; that he had discussed the matter with several of the directors and that they had informally approved this trainmention.

Rr. Miller then requested that the Board of Directors authorise the acceptance of kr. Edisours offer and the issuance to Kr. Thomas A. Edison of two hundred non-interiest bearing notes in accordance with the foregoing, such notes to be delivered to Mr. Edison upon the surrender of the interest bearing notes of the Company now held by higs, due September 20, 1928, aggregating 42,000,000.00 in principal.

On notion regularly made and seconded, the following resolution

EXEMPLS, Hr. Thomas A. Edison is the holder of twenty notes, So. u-676 to So. U-685 inclusive, of the Edison Portland General Computer the amount of \$100,000.00 and to tailing \$2,000,000.00, bearing that the security of per amone, due September \$0, 1928, which have not been paid and which are now being treated as demand notes, and

MRREAS, Mr. Thomas A. Edison has offered to exchange said notes, as of January 2, 1930, for non-interest bearing notes of the Company, dated January 2, 1930, Mr. Edison's offer being as follows:

"Fort Myers, Florida, Jamary 2, 1930.

The Edison Portland Cement Company, West Crange, New Jersey.

Centlement

I hold twenty notes; No. U-574 to No. U-595 inclusive; made by you in mount of \$100,000,00 each, totalling \$2,000,000,00, bearing interest at \$6 per summ and die Seytabur 30, 1358; upon which I have received literest up to and including December 51, 1358.

in lied of payment of such motes, I offer to embange the for non-interest bearing notes made by you, dated Jamasy 2, 1980, of the Pollowing mounts and maturities:

GENERAL DIVISION

1

12	notes, naturing respectively on the last days of each		Sec. 13.	
	month in 1930 for \$10,000.00 each, aggregating	•	120,000	
	mum tu tues tet Anchesenne errett miletaltettill		20,000	Acres
٠.	notes, maturing respectively on the last days of each		and the same	
**	month in 1951 for \$10,000.00 each, aggregating		1. 16.44	
	month in 1931 for \$10,000.00 each, aggregating	. :	120,000	112
			11.12	2.0
12	notes, maturing respectively on the last days of each	an "	4	7.0
	month in 1932 for \$10,000.00 each, aggregating	. :	120,000	
	1 × 0		- 77	200
12	notes, naturing respectively on the last days of each	a dic	100	-0
	month in 1955 for \$10,000.00 each, aggregating		120,000	15
	4 5	40	4 1.54	100
12	notes, naturing respectively on the last days of each		- 3 3	
	month in 1934 for \$10,000.00 each, aggregating		120,000	
		- 3		1. 17
12	notes, maturing respectively on the last days of each	•	7.34	3 53
	month in 1955 for 310,000.00 each, aggregating	····	120,000	1.5
	Thurst In India tot drafacestee errut meginegrering		120,000	
٠.	notes, naturing respectively on the last days of each			12
12	month in 1936 for \$10,000.00 each, aggregating		4.76	5V3.
	month in 1936 for 910,000.00 each, aggregating	- 1	120,000	50
	7			TW.
12	notes, maturing respectively on the last days of each		A Carrier	37.3
	month in 1937 for \$10,000.00 each, aggregating		120,000	10.0
		. 2	100) TE
12	notes, maturing respectively on the last days of each			
	month in 1938 for \$10,000.00 each, aggregating		120,000	200
			15 - 25	1
12	notes, maturing respectively on the last days of each	ah .	2.3	
	month in 1959 for 310,000.00 each, aggregating		120,000	
	man an are, set Anchesses ment mee-abrered	* :		40
12	notes, maturing respectively on the last days of ear		1999	ev y
	mouth in 1940 for \$10,000.00 each, aggregating		120,000	1.2
	TOTAL IN THE SEL STOCKED SOUTH MERIORETIE		120,000	44.59
	notes, maturing respectively on the last days of each		- 4	4.0
	month in 1941 for \$10,000.00 each, aggregating .		1.1	100
	month in 1941 for \$10,000.00 each, aggregating .		120,000	2.0
			1.6	
ız	notes, naturing respectively on the las@days of each	ah.		1.9
	month in 1942 for \$10,000.00 each, aggregating	- 1	120,000	. 3
			1	
12	notes, maturing respectively on the last days of each	ı,		1
	month in 1945 for \$10,000.00 each, aggregating	4	120,000	
		- 1	1.16	
12	notes, maturing respectively on the last days of each	ın.		4.75
	month in 1944 for \$10,000.00 each, aggregating	- :	L20,000	20.4
		()		413
12	notes, naturing respectively on the last days of each		700	2. 划
	month in 1945 for \$10,000.00 each, aggregating .	⊸ ;	20,000	
			11.00	20.0
8	notes, naturing respectively on the last days of	. 15		C 1
	the first eight months in 1946 for \$10,000.00 each.	. 7 ,		10.7
	aggregating	1.25	80,000	2.0
•		45	00,000	2.4
		***	200 00 161	3.5
			24	38.9
		213	4	

us delivery to us, or us agent, hr. s. f. miller, of your two hundred consistence and us codes for \$30,000,00 cand in secondames with the foregoing codes for \$30,000,00 cand on in principal amount, i will surreduce to you far \$6,000,000,00 in principal amount, i will surreduce to you for the \$6,000,000,000 and in principal codes, the September 50, 1828, Aggregating \$3,000,000,000 in principal, which is now hold.

Such exchange is to be considered as rade as of sammary 2 1980. Interest on the old notes is to be adjusted to sensory 2, 1980. Any of the new notes which may be past due at the date of socoptance hereof, shall be payable upon much acceptance.

Yours yeary truly,

(Signed) Thes &. Mison.

Accepted - -

The Edison Portland Cement Company

by Relph R. Allen ... Vice President.

Attest:

H. H. Rokert Secretary.

NOW, THEORYCE, AS IN RECOVER, that the Search of Directors of this Company does hereby authories its proper officers to accept side company does hereby authories its proper officers to accept side of the company of the search of the search search side of the company of the search of the search search notes, doe September 30, 1928, to comband the search search notes, doe September 30, 1928, to comband the search search notes, does September 30, 1928, to comband the search notes, and the search of the search of the search of the Allon, of the search of the s

interest hearing notes in accordance with the foresting exheads, aggregating in principal amount the map of \$2,000,000,000, and notes aggregating in principal amount the map of \$2,000,000,000, and notes as a substant of the Comput by H. F. Hiller, Transmer, and activational part by high H. Alber, Financial Remotives.

At .A. H. Eckert stated that Billy Mixom Ross, Administrating, ottas, of the estate of Henry H. Moss, had made an affiliarit to the effect that stock certificate No. 1572, covering 100 shares of common stock of the that stock certificate No. 1572, covering 100 shares of common stock of the

Edison Fortland General Company, standing in the name of Henry H. Nowe in books of this Company, End been lost; that madd contrifrent has not been endorsed by him or by any person in his behalfs that the stock had been

ssigned to Thomas A. Edison, Incorporated; that Thomas A. Edison.

GENERAL DIVISION

was willing to give a bond of indemnity in the sum of \$500,00, and he thanking requested the Board of Directors to authorise the issueses of a new partitional to Thomas A. Maison, Incorporated.

On notion regularly made and seconded, the following resolution was unaninously adopted:

MHRRMS. Thomas A. Edison, Incorporated was willing to give its bond of indemnity in the sum of \$500,00 to indemnity this corporation against all damage arising out of the reissue of said certificate.

THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNE

There being no further business, the meeting adjourned.

2.4.2. Theology M. Schoon

3.4.2. Theology M. Schoon

0.3.7. Green H.

H.L. - Henry Canada

Read and Approved:

E.P.M. H. J. Milly

. . .

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CEMENT COMPANY

Held Wednesday, April 2, 1950, at 10:50 o'clock principal office of the corporation, Test Orange, Hew Jersey,

Present: Theodore M. Edison, C. S. Williams, Jr., Ralph H. Allen, Henry Lanshan, Henry Lamahan, Harry P. Miller, John V. Miller, Wm. H. Meadoworoft, H. H. Eckert,

Secretary

W. D. Cloos, The meeting was called to order and, in the absence of the President Mr. Henry Lanshan soted as Chairman pro tem.

The minutes of the meeting held March 19, 1950, were read and approved,

Mr. Henry Lamahan stated that John A. Stewart and John A. Ste Slectric Company had made a claim against The Edison Portland Coment Company for commission, or for services and expenses in connection with the purchase by this company of one Turbo-Generator from the Bord Motor Company; that Jo A. Stewart and John A. Stewart Electric Company were willing to settle in consideration of the payment by this company of the sum of \$4,541.15, and souls sign s release in favor of The Edison Portland Coment Company. Hr. Lamber further stated that it was deemed advisable to settle the claim on this bearing that on March 24, 1930 this company paid the sum of \$4,541.15 to John A. Stewart and John A. Stewart Electric Company and received a release, on that date, and he therefore requested the approval and ratification rd of Directors thereto.

On motion regularly made and esconded, the following sesolution unanimously adopted:

MEMOUTH, that the Read of Directors of the Mison Portland Control Company these heaving the Mison Portland Section 1 (Section 1) and the Mison Read of the Association of the season of the Mison Read of the Association of the Mison Read of the Mis

At the request of Mr. W. D. Cloos, on notion regularly made and seconded, the following resolutions were unanimously adopted:

REGOTED, that the heard of Directors of The Mison Portland Genet Corony does heavily approve and raifry the action of its proper officers in executing occur, the control of the proper officers in executing occur, and can determine the proper officers in executing occur, and the permaphrania, a copy of which has been maderal clink with the Secretary of this corporation as Authorization No. CD-417.

Service: Bag cleaning, tying and repairing of returned cloth bags.

Prices: Cleaning and Repairing \$3.90 per M Tying, stamping, tagging, etc., as per contract.

Period: Pebruary 16, 1930 to Fabruary 16, 1931.

Total Empenditure: Not to exceed \$25,000.00;

and to restrict to and to stem's and commissions contained in said

EMOLYED, that the heard of Directors of The Missen Foreign General company, does hereby approve and ratify the action of the proper conference in seconting neutron that of tear the 5, 1900, a finanpose of the conference of the conference of the conference of the second conference of the conference 1900 to key 51, 1903, at a result of EMPs promise of the conference of the accordance with the terms and constitutions compared to the this composence as attentiation to co. Chellas.

Read and approved;

Henry

Theodor M. Edison

T.H.U.

E.P.II. HAllille

SECRETARIAL DEPT

MINUTES OF A MERCING OF THE BOARD OF DIRECTORS OF

THE EDISON PORTLAND CHIEFT COMPANY

Held Friday, April 11, 1930, at 10:30 o'clock a. m., at the proof of the corporation, Test Orange, New Jersey.

Present: Charles Edison. Presid Theodore M. Edison. C. S. Fillisms, Jr., Relph H. Allen, Henry Lamban,

Henry Lanaham,
Henry P. Hiller,
John V. Killer,
Whe H. Mesdowcroft,
H. H. Eckert,
T. D. Close,
Vice Pre

The neeting was called to order and presided over by the Pr Er. Charles Edison.

The minutes of the meeting held April 2,1930, were read and

Hr. W. D. Close stated that considerable additional thouses has given to the installation of the Edison Boils, now in progress at the sill; it had been decided that in order to get the bestgrammite from this installation it would be better to eliminate the present feeders and substitute rotal feeders for the finishing mills, and he therefore requested that an addition am of \$10,009.00 be appropriated for this installation.

he. Closs further stated that the original estimate, No. 200 mass by the loard of Directors under date of December 17, 1929 mass for the 254,501,00 and that the additional appropriation would make the total for the work dat. dat. On. ...

On motion regularly made and seconded, the following

NAMELTED, that has been and Directors of The Maison Fortinad General Company does be topoprofite the ram of \$10,099.00, to be used for the instruments to the median for the finishing miles, said appropriation being in addition to the sum of \$64,561.00 unthorised under date of December, 12 Mar. For the purpose of installing two Mission Rolls and to 12 Mar. The purpose of installing two Mission Rolls and to the purpose of installing two Mission Rolls and 12 Mar. The purpose of installing with Rolls (Rolls and making the total expenditure finishing mills, etc., threely making the total expenditure to 25%, dated Arch 5, 1800, a copy of which has been undered and filled with the Secretary of this corporation as Autoristical Rol. C0.130.

There being no further business, the meeting adjourned

Read and Approved:

... Chaladian

1.1.8. Theodor M. Edison

B.E.A. Raigh It area

H. I. Hury Lanade

V.H. W. Weapowerft

J.V.M. Somielee

RESULTED OF THE RESULTS OF THE BOARD OF DESIGNATION

THE EDISON PORTLAND ORGENT COMPANY

Held Thursday, May 1, 1930, at 10:00 o'clock a. m., office of the corporation, West Orange, New Jersey.

Present: Charles Edison.

Ohnies Edison, Theodore H. Edison, C. S. Willisss, Jr., Raiph H. Allem, Henry Lensham, Harry F. Miller, En. H. Keedowroft, John V. Miller, H. H. Eckert,

Presidents

The meeting was called to order and presided over by Mr. Charles Edison.

The minutes of the neeting held april 11, 1930, we

Mr. Harry P. Miller stated that it has been the custom of this C to procure a loan from Thomas A. Edison, incorporated, in mounts as refrom time to time to cover our various activities, and he requested the of the Board of Directors to the proper officers of The Rison Portland D Company in arranging for a loan of \$150,000.00, which is in addition to the \$500,000.00 loan authorized for the same purposs on February 20, 1980, at 5 interest.

on notion regularly made and seconded, the following reunanimously adopteds

RECOURT, that the proper officers of the Mitten Portland Comment Company he and they are hereby authorized to horries will be a made of the minutes of the proper of the proper of the from Themas A. Horries and the proper of th

56

Reed and Approved:

W.E.M. WHILE WOUNG

THE RUISON PORTLAND CROSST CONPANY

Reld, pursuant to notice, Friday, kay 16, 1930, at 1:30 o'clock ye'n the principal office of the corporation, Edison Laboratory, corner Laussia.

The meeting was called to order and presided over by the President, Charles Edison.

On notice by Mr. R. H. Alles, seconded by Mr. Harry F. Miller, willing of the roll of the stockholders was dispussed with, and the herework instructed to make note of the stockholders present and the provises present the the following results:

STOCKHOLDERS PRESENT IN PERSON

aron municipal rings		6 36	15010034003400
•		r of Shares	1. 1.1.
Name	Cormon	Preferred	Total
Charles Edison		→ (C), (2)	100
Ralph H. Allen	. 5	2 2	-
Harry F. Miller		5 7	
Theodore N. Edison	5	- 206	
J. V. Miller		. 40 5	
W. H. Meadoworoft	· 5 /		. W. C. C. C.
STOCKHOLDERS REPRESE	TEND BY PROXY	1 1	100
Allen, A. A.		100	小水流流
Antman, Albert J.	21	20.3	A CALL STATE
Baird, David Jr.	96	100	- A 200
Baker, Richard W.	100	50 5 4	
Bruff, Albert C	150		100
Burrows, Charles G.	75		10000
Dillinger, Elisabeth S.	86 .	-46	100000
Edison, Thomas A., Incorporate		46.001	1
Gow. Helen H.	20	10,000	CONTRACTOR OF THE PARTY OF THE
Eird. A. M.	20.	16	12 147 3 1
Holland, H. Fraenkel		107	
Howell, Maude H.		994	F-22 (1975)
Jewell, Robert H.		· Daniel Sept	
Lanahan, Henry	4 .		

			4	2.45 (20)
	٠.	Frank or	of Shares	
Leef		Common .	Proterred .	2 Total
Moree, Alice J.		6	10	14
Mulford, David P. Ott, John P.		20	- 4	20
Ott, Lucrig P.		50	10	60
Pierman, A. N.		-	8 .	
Porter, Georgians W.		· -		
Staniforth, Armie V.		20	4	20
Stirk, Villiam H.		49	1 39	88
Sweeney, F. A. Williams, C. S. Jr.		Ψ,	10	10
Woodward, Engaret H.		5	-	
Total Shares	_			20
TOWN DIMINE		25,651	46,484	270,185

A majority of the stock issued and outstanding being represented by the holders thereof either in person or by proxy.

The prorise presented were ordered filed with the Secretary.

The Secretary presented and read a copy or the notice of the coeting, together with the proof of the due mailing thereof, to each stock-holder of the corporation at least ten days prior to the meeting, as required by the Spilers.

The trainer book and the stock books of the Corporation, together with a full, true and complete list in alphabetical order of the stock-bolders entitled to yote at the mamine cleption, with the address of each and the number of shares held by eagh, were produced and resained during & the election open to insections.

On notion by Kr. Theodors M. Edison, seconded by Mr. R. H. Allen, and by unanimous affirmative vote, the reading of the minutes of the previous annual meeting of the stockholders was dispussed with.

Mr. Charles Mison stated that it was considered desirable to change the mather of Directors from size to seven; that this would be state emending that section of the Pr-law relating to "fineer and from of Office", and he recommended that this he does effective to the

piration of the present term of Directors.

On notion regularly made and seconded, the following resolution was unaminously adopted:

RESOLVED, that the portion of the Sylaws of The Editor.
Fortland General Corpany, referring to the masher of Directors, be

"The number of directors shall be seven."

kessrs. I. W. Walker and W. L. Hamage (neither of the being a candidate for the office of Director) were appointed Inspectors of Election and duly sworm.

On motion by Hr. E. H. Allen, seconded by Hr. J. V. Miller Tannel.
Thomas A. Edison, Charles Edison, Theodore M. Edison, Rhigh H. Allen, Newly,
Lanaban, G. S. Filliams, Jr., and Herry F. Miller were mominated for Missier
of the corporation, to hold office for the emening year, or until their
successors shull have been-dected and qualified.

No other nominations having been made, a motion was made and seconds that the nominations be closed. The poll-was declared open by the Chairmon at 145 o'clock p. ms., and the stockholders prepared their hallots and delivered their to the impactors.

On notion by Harry P. Hiller, seconded by Theodore M. Edison, and y manninous affirmative wate, the reading of the minutes of the Directions settings hald since the meeting of the Stockholders on May 17, 1979, we dispensed with — the nimute book being left open for inspection by suppose desiring to do so.

On motion by Harry F. Miller, seconded by Theodore H. Edison, the following resolution was unanimously adorted:

RESOLVED, that the acts of the Directors and Officers on behalf of this comporation as set forth in the minutes of the Directors' neetings hold since the annual meeting of the stockholders on May 17, 1929, he and the same are harsby spproved, ratified and continued.

During the balance of the hour that the poll was required to be kept open, Er. Charles Edison reported on the results obtained from operations during the year 1929.

We produced 2.202_312 berwise of finished descent during 1929 as compared with the 1928 figures of 2.278,936 berrels. We slice had a decrease in mill cost of 2.049 per berrel. Whe total shipments for 1939 are 2.2800_674 berrels compared with 2.909,740\$ berrels in 1930. There is an apparant decrease in ahipments of 29,000 berrels. The shipments of 24,000 security were practically the same in both years, which seems that we purchased less commiffrom other companies their we did in the previous year. At the beginning of 1939 we expected to do much better than the results show utilizately. The resons for this is that in the latter part of the shipping season, aquest to be emoth, the salling price of essent of the shipping season, aquest to be emoth, the salling price of essent must be also down our sales effort who some extent, although it is also well to note that the decand also slowed down because of conditions in houtness generally. The net profit for the year was \$49,172, whereas we had estimated portion of 2811,284.00.

nr. Charles Edison further reported it was estimated up to any El1980 that our shipemes would be approximately 48,000 harvels 'see than the
previous year's shipemes. He further stated that the sailing price of
conent for this year was thirteen cents pur harvel lower than it was see
the arm date in 1999. The outlook for the shalms or they are win the

particularly encouraging and it was fait that we would not ship more time 2,265,000 berrels of owner this year. The conditions in the whole industry at this time are nore or less unsettled. We do not, however, feel that we will suffer a net loss on the year's business, but on the other hand, any harping which there may be will be small.

We find that in our own case our mill oset has decreased from \$(.11) per barrel in 1926 to 3,900 per barrel in 1929, or a reduction in oces of 3,200 per barrel. Against this we find, however, that the selling price of cament in the same period has decreased \$2.250 per barrel, or from \$1.751 in 1925 to \$1,475 in 1925.

The poll having remained open at least one hour, was closed and the Inspectors presented their report in writing showing that the following gardle gen received the number of votes set opposite their respective names:

linme		K	umber of V	ot
Thomas A: Edison	*		270,185	
Charles Edison			270,155	
Theodore H. Edison			270,155	
Ralph H. Allen			270,155	
C. S. Williams,Jr.			270,185	
Henry Lanahan			270 435	
Harry F. Hiller			270 755	•

The Chairman thereupon declared the above-named gentlemen this elected pirectors of the corporation, to hold office until the next angual meeting or until their successors shall have been elected and qualified.

The Secretory was then instructed to insert in the mirate book, for the purpose of reference, the following manage.

- 1. Copy of the notice of the meeting called for May 16,1950.
- 2. Form of Proxy.
- S. Inspectors' Cath and Report.

62 C.E. Charle Charl Thedre M. Elison Ralph It. allen SECRETARIAL DEPT

Edison Portland Cement Co.

Chamalian.

May 2, 19

To The Stockholders of

THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edition Portland Cement Company will be held on Friday, May 16, 1990, at 1:280 o'clock P. M. (Daylint Saving Time) at the principal office of the Corporation, Edition Laboratory, corner of Lakeside Avenue and Main Street. West Oranço. New Jersey, for the purpose of leicting Board of Directions and receiving and acting upon the reports of the officers, and for the transaction of such other business as may property come before the meeting.

If you do not expect to be present at the meeting, please alfix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Vous van tent

H. H. ECKERT,

ecretary

SECRETARIAL DEPT.

COUNTY OF BESEX

H. H. Eckert, being they evern deposes and says that he is the Secretary of THE EDISOT PRESENT OCHEATT, a corporation of the that it defer as low sersey, and that on the 2nd day of key, 1930, he caused a unbisoin the Annual Recting of the stockholders of said corporation, a copy of which I annual Recting of the stockholders of said corporation, a copy of which I cannot hereto, to be mained in a said of envelope, postage prepaid, addressed to each of the stockholders of record of said corporation at his or the said cross as the same appeared upon the resords of the corporation.

o de bare the

Subscribed and sworn to before me

Co. Notary Public.



PROXY

. KNOW ALL MEN BY THIS PRESENTS

That I, the Subscriber, to breely constitute and appoint Mr, Charles Edison or Mr, H. F. Million Town and lawful attention in my name, place and read, to vote upon all the 'stock of The Million' Portland Greenet Company owned by me or standing in my name, any procyr, at the ansum inciding of the architecture, comer Labradica Fermis and Minn Street, in the Torn of Witte Charges, Ratio of, New Joseph and Minn Street, in the Torn of Witte Charges, Ratio of, New Joseph and Minn Street, in the Torn of Witte Charges, Ratio of, New Joseph and Minn Street, in the Torn of Witte Charges, Ratio of, New Joseph and Minn Street, and Minn Street and anticomer of contracting or similar of the data of the standing of the street in the standard protection of the standard protection of

GENERAL DIVISION SECRETARIAL DEPT.

STATE	CP	354	JERSET	
COURT	()	7 33	SEX.	

severally seors, upon their respective cotte, do prunise and sever that they will faithfully, homesty and impartially perform the dates of impacter's Election at the election to be held this day for Directors of mill Director Coulding and Real at the report of the sense.

Subscribed and sworn to before be this 16th day of May, 1930.

Notary Public for State of Year Jerry My Commission expires July 8, 1934

For Directors	Number of Votes
Thomas A. Edison	270,135
Charles Edison	270,145
Theodore M. Edison	J 270,155
Ralph H. Allen	270,155
C. S. Williams, Jr.	270,155
Henry Lanahan	270,155
Harry F. Miller	270,136
	Artic State to Playe

MINITED OF THE ANNUAL MESTION OF THE BOARD OF DESCRICTORS OF THE HOLSON PORTLAND CHARGE COMPANY

Held, pursuant to notice, Konday, May 19, 1980, at 18:00 o'cleck a. m., at the principal office of the corporation, Yest Orange, New Yorky

Present: Charles Edison,
Theodore M. Edison,
Ralph H. Allen,
G. S. Filliers, Jr.,
Henry Lenshne,
Herry P. Miller,
H. H. Sckert,
Serretary.

The meeting was called to order and presided over by the Presidents.

Hr. Charles Edison.

The President stated that one of the objects of the meeting was to a elect officers of the corporation to hold office until the next annual meeting or until their successors are elected.

The Secretary then read the list of officers provided for by the 37-laws of the corporation, as follows:

Chairman of the Board of Directors Fresident Financial Executive Such Vice Presidents as may be determined upon by

Board of Directors General Manager Treasurer

Secretary
General Counsel.

Spok Assistant Freesurers as may be from the to time
determined upon by the Board of pirectors

Such Assistant Secretaries as may be from time to time
determined upon by the Board of pirectors

ind such other officers as may be from time to time
determined upon by the Board of pirectors.

On notion regularly made and seconded, put to vote and maintenestly corried, the following persons were elected to fill the offices set opposite their respective manes:

	Thomas A. Edison Charles Edison Ralph H. Allen	- Chairman of the Board of Directors - President, - Vice President, also Financial E recutive
	W. D. Cloos	- Vice President & General M amager
	Albert C. Bruff	- Vice President & Manager New England District
	R. A. Vetsler	- Vice President & Manager New York District
	C. S. Williams, Jr.	- Vice President
	Harry F. Miller	- Treasurer
1	H. H. Mckert	- Secretary
	Henry Lanahan	- General Counsel
	R. C. Reed	- Assistant Vice President
	R. H. Philips	- Assistant Treasurer
	J. V. Miller	- Assistant Treasurer
	J. C. LaRue	- Assistant Treasurer & Credit Manager
	J. P. Doig	- Assistant Secretary
	P. C. Brwin	- Assistant Secretary

Er. J. Hansell French was re-appointed Manager of the Philadelphia.

many transport and the second second

C.S. Cada (door)
T.A.S.
T.M.S. Flyder M. Edwar.
R.B.A. Karph (V. allen
C.S.V. English P.
B.L. Hum Canadam

Read and Approved:

Att Eckent.

MIGRATES OF A MEETING OF THE SCARD OF DIRECTORS OF THE EDISON PORTLAND ORDERS COMPANY

Held Thursday, June 5, 1950, at 10:00 o'clook a. m., at the principle office of the corporation. West Grange, New Jersey,

Present: Charles Edison, President;
Theodors H. Mison,
Balph H. Allen,
H. Mison,
H. Mison,
H. Mison,
H. Mison,
H. H. Edwart,
Secretary,
V. D. Cloos, Yie President,

The neeting was called to order and presided over by the President

The mirates of the meeting held May 19, 1950, were read and approved

At the request of Hr. W. D. Cloce, on notion regularly made and the following resolutions were unanimously adopted:

BRIGHTD, that the Board of Directors of the Edison Portland General Company, but the Board of Directors of the action of Ar. H. H. Edertl, Scottley, Boards, but the Saids Company, Jaine, Only So. 1702B, data April 50, 1950, with the saids Company, Jaine, Only a Copy of minch has been numbered and filed with the Scottary of the Copy of the C

Quantity and Material; 6 carloads (approx. 480,000) Jaite 1/4 mBl. Paper Valve Coment Bags.

Price and Delivery: \$46.50 per thousand. Hags to be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$25,280.00.

All in accordance with the terms and conditions contained in said purchase order.

REGITED, that the seard of Directors of the Minga Portland Counct Company does hareby approve and ratify the settem of arege. 1. Scoret, Secretary, in consuming a certain purchase order, so. 17029, dated April 30, 1850, with the Taggard Sarobard Company in the Council of the Council of the Council of the Council of the layout Street, see fort City, a copy of deliberation and filled with the Scorebary of the Sarobard Council of the Coun

Quantity and Material: 6 carloads (approx. 480,000) Taggart-Bates 1/4 Ebl. Paper valve coment bags.

Price and Delivery \$48.50 per thousand. Bags to be made up and held for shipping instructions.

Total Expenditure: Not to Exceed \$23,280.00.

All in accordance with the terms and conditions contained in said, purchase order.

REGULED, that the Board offirestors of The Edica Portland Coment Company does hereby approve and ratify the action of Air-H. E. Schert, Scorttary, in accounting a certain purposes order, No. 1700, dated Myril No. 1900, with the Besis Brothers Fast Company, 750 precisely, see your City, a copy company and numbered and filed with the Air Company of the Portland and Airborization S. D.-Lode, and providing for the purpose of -

Quantity and Material: 6 carloads (approx. 480,000) Benis
1/4 Bbl. Paper Valve Cement Bags.

Price and Delivery: 348.50 per thousand. Bags to be made up and held for shipping instructions.

Total Expenditure: Not to emose \$25,280.00.

All in accordance with the terms and conditions contained in said purchase order.

REGISTED, that the Seard of Directors of the Miless Portland Casent Company does hereby approve and ratify the solion of Air-H. H. Estert, Secretary, in accounting a certain purchase order Eo. 17031, dated Ayril 30, 1830, with the Espanod Dag Company, Clemide, Remarkvania, is copy of which has been inserted and filled with the Secretary that components as including the DA-MAS, and providing for the purchase of - SECRETARIAL DEPT.

Quantity and Material; S carloads (approx. 160,000) Raymond

Price and Delivern \$45.50 per thousand. Begs to be made up and held for ehtyping instructions.

Total Expenditure: Not to exceed \$7,760.00.

All in accordance with the terms and conditions contained in said purchase order,

EMELITED. that the Board of Directors of The Miless Dovings Coment Company does havely oppored and ratify the settion of Re-H. H. Eckert, Secretary, in exceeding cortain purchase order, by 17002, dated paril 50, 1700, with the George G. Barrard Tayer combered and filled with the Secretary of this composition of AUMERIT ration so C. DackS. and providing for the purchases of —

Quantity and Material: 1 carload (approx. 80,000) Sherrard 1/4 abl. raper Valve Cement Bags,

Price and Delivery: \$48.50 per thousand. Bags to be made up and held for shipping instructions.

Total Expenditure: Not to exceed \$5,880.00.

All in accordance with the terms and conditions contained in said purchase order.

rhere being no further business, the meeting adjourned.

- '
Read and Approveds
c.s. Charle Giar
T.A.Z.
B.H.L. Reodore M. Edison B.H.L. Palak H. aun
B.H.A. Ralph (J. alle
C.S. V. Trigian B
How Hony Lanalani
H.P.M. H. J. Mille.

SECRETARIAL DEPT.

MINUTES OF A MUNITUM OF THE BOARD OF DURINTERS OF THE EDISON PORTLAND CREEKS COMPANY

Held Thursday, June 26, 1930, at 11:50 o'clock a. m., at the principal

Present: Charles Edison, Theodore M. Edison, C. S. Williams, Jr.,

Henry Lanahan, Harry F. Miller, H. H. Bokert, W. D. Cloce,

Directors; Secretary; Vice President

Presidents

The meeting was called to order and presided over by the President,

rice Edison.

The minutes of the meeting held June 5, 1950, were read and approved.

ar. W. D. Oloos stated that under date of Jamary 16, 1980, the Bourd of Directors authorised the expenditure of 999,512,00 for the purchase and installation of a 12,500 a.W.G.W. Turbine, the Turbine to be purchased from the Ford Motor Commun.

ur. Close further stated that as the work progressed it seemed and visable to provide a better installation than was originally planned. It has been estimated that in order to complete the installation in a proper manner, an additional appropriation of \$15,440.76 will be necessary, which will bring the total cost of this installation to \$112,960.76. Mr. Glose therefore requested the authorization of the sound of Directors therefor.

on motion regularly made and seconded, the following resolution was:
unemimously adopted:

HEGOTED, that the neard of Directors of the Miscol Pertiand Commit Company does herely mithorine its proper officers to appropriate an additional one of \$15.464.76 necessary to cover the complete installation of one 13.500.147, 0.43. Turbine, thereby making the total cost of the installation amount to \$113.900.147, 0.43. Turbine, thereby making the total cost of the installation amount to \$113.900.147, 0.43. Turbine in the properties of \$9.94.180.070 or this cost haring been made

There being no further business, the meeting adjourned.

O.B. Change Giora	
	11.10
T.A.E.	AN BEKERT
T. U. B. Typodore M. Edison.	
R.E.A. Raips H. aun	
0.8. V. Thieracce f	
H.L. Henry Canada	
""" ## <i>lik</i>	



THE EDISON PORTLAND CREEKS CONTANT.

Held monday, July 21, 1950, at 10:00 o'clock a. m., at the office of the corporation, West orange, see Jersey.

President: Charles Edison, President; Theodore M. Edison, Ralph H. Alters, Jr., Charles, Jr., Charles, Jr., Charles, Jr., Charles, Jr., Charles, Jr., Charles, H. H. Eckert, Service; F. D. Cloos, Jr. Freside

The meeting was called to order and presided over by the President's

The minutes of the meeting held June 26, 1950, were read and app

ur. V. D. closs requested the approval of the notion of the proper officers in purchasing from the narion Steen Shovel Company, 30 irreadary, see fork City, one used narion, bull Ricetrio, shown is a price of \$21,000.00, also, an additional amount of \$3,000.56 to cover the necessary installation, thereby making the total cost of the shownl and installation mount to \$22,000 and he therefore requested as appropriation of this mount, are closs further stated that there will be considerable swrings resulting from this installation at our sinestons quarry at various, sew darsey.

on motion regularly made and seconded, the following resolutions were unanimously adopted:

SHOUTHD, that the hoard of Directors of the Mitten Yerkhand Coment Compute does hereby approve and ratify the action of the Charles Edison, Freeident, in executing a certain purchase order, 1,7096, dated June 10, 1205, with the sarring bless thered:

umboved and filed with the Scoretary of this compound and state of the compound of

Quantity and Material: 1 Used Marion Full Electric, Full.
Revolving Chterpillar Type Shovel, Serial #5282.

Prios: \$10,000.00 complete.

Gredit of \$5,000.00 to be applied against the above purchase price, which represents the total charge of three months remtal.

Total Expenditure: Not to exceed \$7,000.00.

All in accordance with the terms and conditions contained in saidpurchase order.

There being no further business, the meeting adjourned

C.B.	Charle God
.x.1.	Theolore M. Edison
R.H.Ā.	Kacos It. allen
.s.v.	Free B
H.L.	Henry Canaham
L.P.M.	H. F. Shille

Read and Approved:

HIVEKENT.

MINUTES OF A MESSELIKE OF THE HOLED OF DIRECTORS OF THE MODISON FORTILAND CHARGE COMPANY

Held Wednesday, August 13, 1930, at 10:30 o'clock a.m., at the grincipal office of the corporation, West orange, New Jersey.

Present: Charles Edison, President;
Relph n. Allen
C. S. Williams, Jr.,
HARTY F. Willer. Directors;
H. H. Edkert, Secretary.

The meeting was called to order and presided over by the President

The minutes of the meeting held July 21, 1930, were read and

Mr. MATTY F. Miller stated that on September 26, 1929, the bound of Directors authorised Mr. W. C. Rodmicherger to sign cheeze drawn on the finds of this Corporation Carried in its account known as "Filliadalphia allas uffice Account." in the mask of North America and T rust Company, Filliadalphia, pramaylymnia.

As Hr. Hodenberger has resigned and Mr. J. Lester States has been appointed in his stead, it is necessary to revoke the above mentioned resolution and authorize Mr. States to sign checks on said account.

Un motion regularly made and seconded, the following resulutions are unanimously adopted:

Distolute, that the resolution adopted by the point of Directors of this Corporation on September 26, 1579, authorities to Communication on September 26, 1579, authorities, and the communication of Communicatio

given how the state of the stat

There being no further business, the neeting adjourned.

Yes/	and	Approved:

.. Chalo Con

1.4.3.

B.H. S. Krep (Allen

nom Hampfamaham.

1.7.2. Hallelle

HHEEKEN

Secretary.

F.,

MINUTES OF A MESTING OF THE BOARD OF DIRECTORS OF THE EDISCH PORTLAND CHIEFE COMPANY

neld monday, August 25, 1950, at 10:00 e clock e. m., at the principal office of the corporation, West Orange, New sersey.

Present: Charles Edie

President: Ralph H. Allen Henry Lenshan HARTY F. Miller, James P. Doig,

Directors: Assistant Secretary.

The meeting was called to order and presided over by the President. Mr. Charles Edison.

The minutes of the meeting held August 13, 1950, were read and approved.

Mr. Charles Edison recommended that Mr. William Hildsbrand be elected Vice resident in Charge of graffic, thereby enabling him to deal more advantageously with traffic matters.

on motion regularly made and seconded, ar. William mildebrand was slected vice rresident in Charge of rraffic.

ar. Charles Edison stated that it had become necessary to do further stripping at unford, new Jerseys that a desirable figure had been obtained from a contractor named Samuel acmigsberg, sayonne, new sersey, who agreed to reall material lying above the bed rook at the rate of \$.45 per cubic yard, and that a contract was executed under date of August 6, 1930 between the Edison Portland Cement Company and Seemel sonigaberg, covering the removal of said material, the Edison company guaranteeing the contractor that there shall be a least twenty thousand (20,000) cubic yards of material to be removed und contract, ar. Edison requested the approval and ratification of the the execution thereof.

on motion regularly made and seconded, the following resolution

MROUTED, that the neart of Directors of this composition does here's gaprone and mainly the action of its proper officers in executing, under date of inquest 6, 1800, a contrictly with moral of the contriction of the contriction of the contriction of all materials over the limesters on the wave extinct in our on the blue print accompanying the contract, at the rate of act per cube part, the filter morancy parameter the Contractor of Assertial to be removed under this contract (10,000) only parts with the terms and conditions constained in said contract, a copy of which has been numbered and filled with the Secretary of this corporations as authorization on checkly.

There being no further business, the meeting adjourned.

ed and Approved:	
Charle Gron	James P.V.
	Assistant Se
Lacos N. Chion	
Lacos N. accum	
J. Therewal	
Hun Lanahan	
H Fillelle	
<u> </u>	

GENERAL DIVISION

kr. Charles Edison.

MINUTES OF A MERCING OF THE BOARD OF DIRECTORS OF THE EDISON PORTLAND CREEK COMPANY

Held Wednesday, September 3, 1930, at 10,00 o'clock a. M. at the principal office of the corporation, West Grange, New Jersey.

Present: Charles Edison. President:

Charles Mison, Ralph H. Allen, Henry Lenshan, Harry F. Miller, H. H. Eckert, W. D. Cloce,

Directors Secretary; Vice President

The meeting was called to order and presided over by the President

The minutes of the meeting held August 25, 1950, were reed and 8

At the request of Mr. W. D. Close, on motion regularly made and the following resolution was unanimously adopted:

EMOUVED, that the loard of Directors of the Mison Powland Committed Company does hereby approve and ratify the action of ar-Charles Mison, President, in executing a certain purchase order, the control of the Company of the Company of the Mison of the debt angust 22, 1950, with The Marion Stem Bowel De-del Lawling and the Company of the Company of the Company and filled with a part of the Company of the Company of the Ro. CD-459, and providing for the purchase of 2

Quantity and Material: 1 Type 37 Marion Electric Shovel, bearing masher 5470.

Prices \$18,500.00, f. o. b., North Bergen, H. J. fotal Expenditure: Not to exceed \$15,500.00.

All in accordance with the terms and conditions contained in said purchase order,

There being no further business, the meeting adjourned

78 Kreph H. Elicon

GENERAL DIVISION SECRETARIAL DEPT.

MINUTES OF A MESSING OF THE SOLED OF MINISTERS OF THE SDISON POSTLAND CREEKS COMPANY

Held Tuesday, October 14, 1930, et 10:50 o'clock a. m., at the

principal office of the corporation, West Orange, New Jersey.

Present: Charles Edison,
Ralph H. Allem,
Theodore M. Salson,
C. S. Williams, Jr.,
Henry Lanham,
Harry F. Miller,
H. H. Eckert,
W. D. Cloos,

Directors; Secretary; Vice President.

The meeting was called to order and presided over ty the President, Hr. Charles Edison.

The minutes of the meeting held September 3, 1930, were read and

At the request of Mr. W. D. Closs, on motion regularly made and seconded, the following resolution was unanimously adopted:

REGISTON. that his Based of Mirostors of the Salmen Perface. Comment Company does hereby approve and natify the section of the.
Balph R. allen, Yice President & Finnois 1 Executive, in executing a certain purchase order, for ,10855, dated agreemby 7, 1095, with and filed with the Sectivary of this composition as arthorization. So CD-458, and providing for the purchase of the president of the composition of th

Quantity and Material; 6 carloads (approx. 480,000) Jaite 1/4 Bbl. Paper Valve Coment Bags.

Price and Delivery \$46.50 per thousand. Bags to be made up and hald for shipping instructions.

Total Expenditure: Not to exceed \$25,280.00.

All in accordance with the terms and conditions contained in mail purchase order.

and Approved

E.H. J. Auch H. Allen

ELECTES OF A LEGITLE OF THE BOARD OF DIRECTORS OF THE EDISOR PORTLAND CRUZERY CONTAINS

Held Tuesday, December 9, 1930, at 10:00 o'alook a. m., at the principal office of the corporation, West Orange, New Jersey.

Present: Charles Edison,
Ralph H. Allen,
Theodore H. Edison,
C. 5. Williams, Jr.,
Henry Lemahan,
Harry F. Willer,
H. H. Eckert,
W. D. Cloos.

Directors; Secretary; Vice President,

The mosting was called to order and presided over by the President Er. Charles Edison.

The minutes of the meeting held October 14, 1930, were read and approved,

Hr. V. D. Closs stated that on Jamary 14, 1930 the board of Directors an expenditure of \$90,012.00 to purchase and install a 12,500 N. V. 6

2. Commentor and that on June 26, 1930 the appropriation was increased to \$112,960.76. Ir. Closs further stated that at this time the own or installation is practically complete and that the cost was again generation the estimate flaure and would now reach the sum of \$169,005.00. In reasons for the additiveness, or increases from the original estimates, have been mainly beautiful to the desire to make the installation in as up to date summer as possible and in 3 order to do so (I has been meassary to include work and material this order to do so (I has been meassary to include work and material this professional to the four continuity planned. Hr. Closs therefore requested the approval of the Jeanning of Directors to the additional appenditure of \$50,000.26.

On motion regularly made and seconded, the following resolution was

IMBOLYED, that the Board of Directors of the Milson Fortland Gement Coupany does hereby nutherise 1ts proper officers to spropriste as midditional men of 58,002.0, necessary 80 over the complete installation of one 12,000 N.W. G. M. Generator, there has been been considered to the contract of the property of markets the total cost of the installation someth to 5245,000.00, by making the total cost of the installation amount to \$149,0 sppropriations of \$99,012.00 and \$18,448.76 having been made this work under dates of January 14, 1930 and 7 me 26, 1950. respectively.

Er. W. D. Cloos stated that on Jamery 14, 1930, the Board of Directors authorized the expenditure of \$14,000.00 by our company for improvements of the lessed facilities for handling cement shipments at Mashington, D. C.: that this work is now completed and the final cost to our company is \$14,962.55. Hr. Cloos further stated, however, that in addition to the work covered in the foregoing appropriation it had been necessary to install better fecilities for handling incoming cement at Washington, D. C; that the same engineering company (MacDonald, S pencer Engineering Company) who had the original contract had been authorised to complete the edditional facilities end that the cost of this work had bee \$3,550.74; that in addition to this, it had been necessary to change from our method of shipping bulk cement in regular box cars to using gondola cars, on which equipment certain changes had to be made; that the necess changes have been made on ten cars owned by the D. L. & W. Railroad at a cost of \$2,219.75, the purpose of these changes being to facilitate the handling of cement at Washington, D. C. Mr. Cloos therefore requested the approval of the expenditure of \$6,755.00, which is in addition to the sum of \$14,000.00 originally appropriated January 14, 1930, theraby making the total cost of these improvements amount to the sum of \$20,755.00. On motion regularly made and seconded, the following re-

ninously adopted:

er con a line state of

GENERAL DIVISION TO

ENSUITE, that the Board ofDirectors of the Melson Portland, Concest Company does hereby sporce and ratify the action of its proper officers of the Melson and the State of the Proper officers of the Association of \$4,752.00 to the Association of the Association

There being no further business, the meeting adjourned.

c.s. Charles Gran
T.A.E.
2. X. B. Heodore M. Edison.
2.E.s. Raeph IT. auen
C.S.T. Thisian for
E.L. Him, Ranakam
H.F.H. H3MM
,

MEKEN SHOTELARY.

GENERAL DIVISION

MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF THE EDISON PORTIAND CHEEKE COMPANY

Held Inesday, December 30, 1930, at 10:00 o'clock a., m., at the principal office of the corporation, West Orange, New Jersey.

esent: Charles Edison, President; Ralph H. Allen, Theodore M. Edison,

C. S. Williams, Jr., Henry Lanaham, Harry P. Willer, H. H. Eckert,

Directors; Secretary.

The meeting was called to order and presided over by the President.

Ur. Charles Edison.

Hr. H. P. Miller stated that it was messaary to horrow funds for the meeds of the Company; that Mr. Thomas A. Milson was reliminate to loss may write-funds to this Company, but had finally consented to advance the men of \$150,000.00 on a two year, non-interest bearing note, and Mr. Miller requested the appearant autorization of the locate of Eleventre thereto.

On notion regularly made and seconded, the following resolution was

The minutes of the meeting held December 9, 1930, were read and approve

maninously adopted:
EMEGITHO, that the proper officers of 7 he Mison Position
Count Company he and they are hereby about set to before the
Count Company he and they are hereby the the terror than
ATT. Thomas A. Editon, said lean to be origined by a two.pears,
non-interest beauting order.

Mr. H. F. Miller stated that it has been the custom of this Computy for procurs a loss from Thomas A. Edison, Incorporated, in moments as required from time to time to cover the winter operations, and he requested the approved of the

Board of Directors to the proper officers of The Edison Portland Co in arranging for a loss of \$50,000.00, at 6% interest.

CE.

CE.

on motion regularly made and seconded, the rollowing

was unanimously adopted

REGISTED, that the proper officers of the Mileon Fortune, to constit Company be and they are hereby actionated to have used to be but not exceeding Fifty Thousand Bullare mounts as required from Thomas A Mileon, incorporate mounts as required from time to time to cover our expension constituent, interest on the insent to the property of the public monthly at the rate of six percent segments be prepared to be published monthly at the rate of six percent

the meeting adjourned.

Read and Approveds	
Cale	0 100
T.A.B.	
T. H. T. Theodore)	
R.H.J. Raigh	It aun
C.S. V. Shieran	
H.L. HELLY L.	
H.P.N. 11 A MULE)

SECRETARIAL DIVISION

MINUTES OF A MENTING OF THE BOARD OF DIRECTORS OF

Held Tednesday, December 51, 1930, at 10:00 o'clock as me, at the principal office of the corporation. Yest Orange, New Jersey.

Present: Charles Edison, Balph H. Allen, Theodore M. Edison,

Theodore M. Edison, C. S. Williams, Jr., Henry Lenshan, Harry P. Eiller, H. H. Bokert, President;

The neeting was called to order and presided over by the President, Hr. Charles Edison.

The nimites of the meeting held December 30, 1950, were read and approved.

Mr. Harry F. Miller stated that Mr. Thomas A. Milson had offered to sall to the Company the entire right, title and interest in and to \$500,000.00 a par value of the Mison Portland Cocont Company's Debenium Bonds for the small of \$150,000.00, which is 50% of the par value, and be requested the authorismits of the Board of Directors to the purchase thereof.

On notion regularly made and seconded, the following resolution was unanimously adopted;

DESCRIPT. that the fraeemers or this Corpacy he mind he is harby children's children's children's offer to sail to the Company the outlow right, tills and interest in and to Five Hundred thousand Dollars (\$200,000.00) par value of the Edison Portland Company's Debecture Bonds for the sms of no Emunded Firty Thousand Dollars (\$250,000.00), and he is further

RESOURCE, that upon the purchase of said Bonds, they be held in the Company's treasury pending the further order of the Board of Directors. 88 HH Eckent E.E.A. Karph IT allen C.S.V. American for House Canal Hay Haller

SECRETARIAL DEPT.

MINUTES OF A SPECIAL MEETING OF THE BOARD OF DERECTORS OF THE EDISON PORTLAND CREEKE COMPART

Held Thursday, January 15, 1931, at 9:30 o clock a. m., at the

Present: Charles Edison, Theodore H. Edison, Ealph H. Allen, Henry Lamahan,

C. S. Williams, Jr., Directors; H. H. Eckert, Secretary.

The neeting was called to order and presided over by the President,

The minutes of the meeting held December 51, 1930, were read and

The President brought up for discussion the present financial condition

He recalled that in 1919 the obligations of the company were such as to require a reorganization of its financial structure, but since that time, owing to additions beyond its control, the company continued to be mable to provide a specially for its own financial needs.

He reminded the Sourd that owing he the deficiency in operating rethe charges accruing on the company's First Korteges Sonds, it Flank Bavencent Notes and its Debenture Sonds, there was now a deficit of stillions and
lars, and that for many years the company had been able to secure the works
ital necessary for its operations only through enforcements, guarantees
we which it received formerly from Fig. Thomas A. Milson and more recently reres A. Milson, Inconvented.

He pointed out that Thomas A. Edison, Incorporated was no longer provide this financial accomplation and, therefore, some other st must be made so as to enable the ownert business carried on by this company, to be financed on its own perits,

We continued that with the above in mind, after negotiations with which the people of the Board were familiar, a draft of agreement in a plan of reorganization had been prepared between Thomas A. Editon, Incorporated and others, including Editon General Corporation, a new corporation formed under the laws of the State of New Jersey, looking to the reorganization and conduct of the business by said Editon General Corporation under a financial structure adequate to justify the extension of credit of the said Editon General Corporation.

He thereupon presented a draft of this agreement to the meeting, which was read and carefully discussed.

On notion duly made and seconded, the following resolution was unanimously adopted:

WIRRELS, the financial condition of this company for a considerable masher of years had been such that the company has not been able to procure noneys for its working capital without the aid formerly of Hr. Thomas A. Maison and more recently of Thomas A. Maison, Incorporated; and

EMERICAL Thomas A. Edison, Incorporated is no longer willing to extend such accommodations and

THERMS, a plan of reorganisation and agreement, in the form submitted to this meeting, has been proposed looking to the transfer or certain of they assets of this company to Edison the transfer of corporation, a corporation of the State of New Jarrey, upon mean and as more particularly set forth in said agreement; and the said of the said o

DERRES, it is the opinion of this Board that the execution and performance of said plan of reorganization and agreement are increasory in order to continue the business herefore carried on by this company, and furthermore is in the best interest of this company, its stockholders and creditors;

NOW, THERFORE, ES IT RESOLVED, that said agreement be and the same hereby is approved and the officers of this company be and they are authorized and directed to execute and deliver the same on behalf of this company; and SECRETARIAL DEPT.

THEREAS, said plan of reorganization and agreement provides that it shall not become binding until ratified and confirmed by a vote a of not less than three-fourths of all the stock outstanding of this company;

DOT, TORMOON, BE IN PURSON RECOURTD, that a special sesting of the stockholders of this commany is called to be said at Richard principal offices of the company, as Ridion Laboratory, corner Likeside Avenum and Lind Street, Fast Orning, Ser Jersey, on Kooday, the Std: day of January, 1931, at two o'clock in the aftermoon, to take action upon the said agreement;

BE IT FURTHER RESOLVED, that the Secretary of this company be and he hereby is directed to send notice of said meeting to the stockholders entitled to vote at said meeting, and a notice to be accompanied by a copy of this resolution and of the said proposed agreement;

BI D'RINGER UNDONTED, that if said agreement shall be schicked and confirmed by a vote of not less than three-fourths of all the stock outstanding of this company at said special meeting, or any adjournment theored, that them and in much event the officers or this company be plan of reorganisation and agreement to the part of this company and the content and failure all billie of nais, deeds, assignments and other documents as may be necessary in the opinion of command fully to carry agreement by tho other parties therefore.

There being no further business, the meeting adjourned. .

Read and Approved:		
0.08	•	
C. E. Charo Gon	. •	
7.4.3.	• //	Herent
T.N.S. Hickor M. Sdison	· 1	16every
R.B.s. Ralph H allen		343,544,75
H.L. Hung Laus Law		
H.P.H. J. F. Hiller		
	A	, loi

VINUTES OF A SPECIAL MEETING OF THE STOCKHOLDERS OF. THE EDISON PORTLAND CHEEKY COMPANY

Held, pursuant to notice, Monday, January 28, 1931, et 2:00 o'clock p. m., et the principal office of the corporation, Edison Laboratory; corporlaceside Avenue and Main Street, West Crange, New Jersey.

The neeting was called to order end presided over by the President, Mr. Charles Edison.

On notion by Kr. Emry Lamban, seconded by Kr. H. F. Miller, the malfag of the roll of the stockholders was dispensed with and the Scorwiny was instructed to make note of the stockholders present and the proxima presented, with the following results

STOCEHOLDERS PRESEN	I IN PERSON		
	Inmber	of Shares	
Name	Common	Preferred	Total
Allen, Ralph H.	. 5		
Edison, Charles	5	-	. 5
Edison, Theodore K.	5		. 5
Lanahan, Henry	5		
Miller, Herry F.	5		
Williams, C. S. Jr.	. 5	-	5
STOCKHOLDERS REPRESE	NTED BY PROOF		e 2
Antman, Albert J.	21.		- 24
Barber, Marie S.	. 2	. 1	. 3
Baumgartner, Mrs. John	. / 10		10
Burrows, Charles G.	75		75
Darling, John	50	-	50
Edison, Thomas A.	25		25
Edison, Thomas A. Incorporated	232,427	56,416	288.843
Hanne, Anne L.	100		100
Holland, Eugenia Fraenkel	- 34	34	68
Howell, Maude E.		20	- 20
Jewell, Robert H.	- 21	3	24
Staniforth, Armie K.	20		1.00 20
	310 010	E4 477	200 745

majority of the stock issued and outstanding being represented by the holders hereof either in person or by proxy.

The Proxies presented were ordered filed with the Secretary.

CONTRACTOR STREET

The Secretary presented and read a copy of the notice of the meeting, together with the proof of the due mailing thereof, to each stockholder of the corporation at least ten days prior to the meeting. \hat{A}

The transfer book and the stock books of the Corporation, tegother with a full, true and complete list in alphabeticalorder of the stockholders emittled to vote at the meeting, with the address of each and the number of shares held by each, were produced and remained during the meeting open to imspection.

On motion by Mr. C. S. Williams, Jr., seconded by Mr. Henry Lamsham, and by unanimous affirmative wote, the reading of the minutes of the last annual meeting of the stockholders was disponsed with.

The President stated that the agreement, dated fifteenth of Jamary, 1931, and referred to in the notice, had been excepted by all of the parties, the Edison Purliand Coment Company, Edison Coment Corporation, Thomas A. Edison, Amorporated, Thomas A. Edison, Minn N., Edison, Madeleins Edison Sisano and Theodore N. Edison, and he exhibited a copy so executed. In scoordance with the said notice and with the agreement, the President submitted the agreement to the stockholders for action thereon. After disconnection to the collection of the collection was proposed by Nr. Henry Lambana.

BISOUND, that the agreement dated Jamary 15,1931 between the Sileson Nortland Cement Company, Editon Cement Corporation, Fine Sileson Action 1, 1975 and 1, 1975 a

The notion was seconded by Mr. Ralph H. Aller

GENERAL DIVISION :

A wote by ballot was then taken on the proposed resolution which resulted as follows:

In favor of the resolution Against the resolution

289,292

Instruction is the affirmative vote was in stores or three-fourths of the stock outstanding the Chairman thereupon declared that by the adoption of the resolution the stockholders had ratified and confirmed the Agreement dated January 16, 1851.

The Secretary was then instructed to insert in the minute book, for the purpose of reference, the following paperss

- 1. Copy of the motice of the meeting and proof of the service thereof.
- 2. Form of Proxy.
- 3. Copy of the Agreement.

There being no further business, the meeting adjourned.

Read and Approved:

C.E. Charles (1800)

T.A.I.;

T.M.B. Elegina M. Charn

B. S.A. Kough of allen

B. I. Hearl Same Lame

B. F. W. Wille

C.S. T. Fried and p.

THE EDISON PORTLAND CEMENT COMPANY

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

TO THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY: Place take solice that a special moding of the toldsfore of The Editor Pertiand Com-pany will be held at the replacered office of the Company at Editor Laboratory, occurs Labora-nov, corner Laboratory, which was a superior of the company at Editor Laboratory, occurs Labora-son and Islain Virtual, West Creen, See Torrey, See Modely, the Edit day of Jassary, 1818, order is in the afternoon, to take action upon a resolution passed by the Bairel of Directors company on the 15th day of Jassary, 1819.

A copy of said resolution and of that portion of the minutes of the B.

NOT. THEOLOGY. IS IT PURIFIED INDICATED, the o' permit serving of the methodology of the control of the permit serving of the methodology of the permit serving of the permit se

Enclosed with this notice is a copy of the agreement between The Edison Portland Cement pany, Thomas A. Edison, incorporated and others referred to to the above resolution.

The mild plan of reorganization and agreement has been made and the proposed action is any sted for the reasons fally set forth in said resolution and minutes.

The agreement will not be ratified and confirmed unless approved by the rote of three-fourths of all of the stark of the company outstanding. If you are unable to attend said meeting personally, it is requested that you be good enough to reste the enclosed proxy and return it to the undersigned.

H. H. ECKERT,

WHEREAR, the party of the first part is engaged in the manufacture and sale of Portland Coment and other products, and the parties of the third, fourth, fifth, sixth and seventh parts are the prin-cipal stockholders and credition of the party of first part; and

Whereas, it is the belief of the parties that the business now being carried on by the party of the first part would be more afficiently and adequately conducted if reorganized mader a plan providing for a Smantill structure more overhalds and forestilet than that of the party of the first part at this

Wenzas, the parties of the third, fourth, fifth, sixth and seventh parts, in order to being about this receptaination are willing to exchange First Mortgaps Bonds, Debenture Bonds and Jones of the party of the first part, which they now bold, in event mother has had or regardantion for sead and secrettles of the party of the seventh part, which has been organized moder that have to the little of the State of the State

WHEREAS, the party of the first part, as of the second day of January, 1931, has assets and lie-ties set forth on Schedula "A" hereto americal and made a part hereof; and

Whenever, the party of the second part has an authorized capital of 15,000 shares, divided into 5,000 shares of performed stock with a par value of \$100,00 per share, and 10,000 shares of common stock without par value; and

WHEREAS, It is the belief of the parties to this agreement that the consummation of the plan of recognitation berefunders set forth will inner to the korefl, not only of the parties hereis, but also to the bornet of all of the stockholders and orreditors of the party of the first plan.

Now, THEREFORE, in consideration of the premises and the sum of One Dollar by each of the sarties to the other paid, receipt whereof is acknowledged, and in accordance with the plan of re-

It is former, as follows:

1. "The picty of the part will, with all covaried speed, and, trainfer and covery in the part of the record part former and the part of the part of

The party of the second part will assume the payment of the following liabilities of the party the first part indicated on Schedole "A." that is to my:

t indicates ov

Current Habilities

Non-interest bearing note dated December 31, 1930, dos

December 31, 1932.

First Mortgage Bonds

Plant improvement notes

**Teamury of the party of the

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In addition to the above-neutrinoid liabilities the party of the second part will assume all dis-galant the party of the fact part hereofore orders grader. Werkness's Componention Laws of theirs and all eligibiates speech to perfor of the party of the facts part rather any evaluations of their party of the facts part transferred or to be transferred to the party of the second party

Such assumption of liabilities shall be provided for in such documents as may, in the opli-coansel of the party of the first part, be necessary to insure the assumption of these liabilities party of the second part.

The litum of sweets and liabilities shown as Schedule "A." are subject to audit now being made Neuern, Lybrand, Ross Bron, & Mostponery, Cruided Public Accountants, and such changes, if any, and to necessary to conform theories will be made.

as any in excession is desirated, noticed when makes the excession part shall be useful at a prime of 1. This say part with remains street district, the prime of the little part of the prime of 1. The part of the little part of the excess part DELEMOR is part rather of the little part of the part of the best part of the excess part DELEMOR is part rather of the Thrick Reviews Basic and part of the best part of the part of the excess part DELEMOR is part rather of the Thrick Reviews Basic and the excession part of the best part of the excess parts, which the party of the second part will lower or cause to be bundered to the party of the action part of the action part of the second part will lower or cause to be makenesses to the party of the action part of the action p

... The party of the table part of the boundary of a departy of August, 1931, purchase from the cachellors table party of the cachellors table party of the party of the cachellors table party of the first party.

pichabation of the party of the first party.

On the party of the party of the first party of the party of

6. The party of the fourth part will accept \$25,000.00 in par value of the perferred stock of the party of the second part in exchange for \$370,000.00 in par value of Delegative Bonds of the party of the first part and the non-interest hearing note of the party of the first part in the secs of \$15,000.00 which and blooms and note be now holds.

which and totals to more to one roots.

7. The party of the fifth part will accrete too histories bearing swisi debesture notes of the party of the econd part in exchange for \$10,000.00 of Fort Moringer Boads of the party of the first party distribution of the first party of the even of part than to be that not by the party of the first part shall evoke for the first party of the even of the first party of the fi

S. The party of the sinth part will every a chemical motor of the case of each second party.

S. The party of the sinth part will every a chemical motor of the party of the second paneary 2, 1951 and parable January 2, 1951, is the east of \$60,0006, together with interest at the rate of the precent. (45); per manna, payable enchantumity, in exchange for \$80,000 and the party of the first part which the now holds (with adjunct) for accordances thereone handary 2, 1951.

can for acrosed inform unregs to sammer, a mail;

9. The party of the eventh port will accept a substance note of the party of the set Jensary 2, 1921 and psychologists, the same of \$14,000,00, together with in the case of although correct, (65) por anaman, payable entakamently, in correct, or will be cased on the party which he now holdes (will cannot for accross district therease to almany 2, 1921).

Inches the .

red as transacted for the account of the pair.

This agreement shill, with all convenient of the first part at a special meeting callies the better usual realises and confirmed by a fing of the party of the first part at said agreement.

IN WITNESS WHEREOF the co

THE EDISON POSTLAND CEMENT COMPANY,

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LOCAL CONTROLLE

SHITEADRALL . AND S The last something THOMAS A. EDISON, INCORPORATED,
By

THOMAS A. EDISON, INCORPORATED

SCHEDULE A

ASSETS AND LIABILITIES

THE EDISON PORTLAND CEMENT COMPANY

as or Japrant 2, 1931

Esciusive of Goodwill and Capital Stork

ASSETS

Fixed (locioding Land, Buildings and Equipment)	3,036,489.0
Investments	

LIABILITIES

Non-interest bearing Note dated 12, 31, 30, dor 12, 31, 32	150,000.0
Pirst Mortgage Bonds	1,500,000.0
Plant Improvement Notes	1,590,000.0
*Debenture Bonds sprincipal without accrued interests	570,000,0

^{*} Debesture Boads in the Treasury of the Company not included as assets o

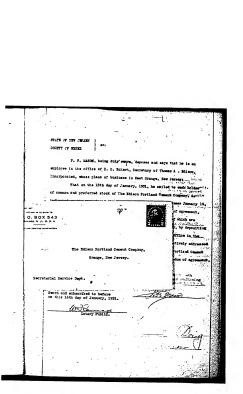
PROXY

KNOW ALL MEN BY THESE PRESENTS

That the undersigned names, constitutes and app Ralph H. Allen, and each of them, the true and lawful attorneys a of the undersigned, to attend the meeting of the stockholders of The Ed Company to be held at the principal office of the Company. Edison Labo Avenue, and Main Street, in the Town of West Orange, State of No at 2 o'clock P. M., or at any adjournment thereof, and, at such a on the undersigned's stock in said Company, to ratify and confirm a date January 15, 1931, made by and between The Edison Portland Company Corporation, Thomas A. Edison, Incorporated, Thomas A. Edison, Mins M. Ed Sloane and Theolore M. Edison, providing among other things, for the tr of said The Edison Portland Cement Company to said Edison Cement Co having been heretofore executed on behalf of this Company pursu of its Board of Directors adopted at a meeting duly held on Jamusry 15, 1931 upon said stock in the transaction of all business relating to or incidental to the performance thereof, and upon any and all matters which may lawfully concerning or meetings or meetings; hereby revoking any and all proxise beretofore given to we designed's stock and hereby ratifying and confirming all that said attorneys. do by virtue hereof. A majority of said attorneys and proxies as shall be p net at said meeting or meetings (or if only one shall be present and act, th have and may exercise all of the powers of all of said attorneys and per

WITNESS my hand and seal this day of James

Witness:



COUNTY OF RESERT

P. P. Midden; being duly sworm, deposes and says that he is a suployee in the office of H. E. Robert, Socretary of Thomas & . Midden, monoporated, whose place of Dusiness in Test Orange of States of Thomas of the Control of the Con

That on the 15th day of January 15th [As and the set and fedling of common and pretarred excel of the Medical Control of the Medical Control of the Medical Control of the Medical Control of the Compute at the class of the Medical Control of the Compute at the class of the Medical Control of the Compute at the class of the Medical Control of the Cont

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ne this 16th day of James 19

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SECRETARIAL DEPT

MINUTES OF A MERCING OF THE BOARD OF DIRECTORS OF THE EDISOR PORTLAND OR THE GOVERNMENT

Held Wednesday, January 28, 1931, at 11:00 o'clock a, m. principal office of the corporation, West Grange, New Jersey.

Present: Charles Edison,
Theodore M. Edison,
Balph H. Allen,
Henry Lanaham,
Harry F. Miller,
C. 5. Williame, Jr.,
H. H. Eckert,
W. D. Cloos,

Directors

The meeting was called to order and presided over by the President Nr. Charles Edison.

The minutes of the previous meeting were read and approved.

Mr. Charles Edison stated that on account of the absence from the United States of three of the seven directors of this corporation for a pariod of four or five weeks it seemed advisable for one of the directors to resign and to elect. another in his stead. He thereupon presented the resignation of Mr. Halph H. Allen, and nominated Mr. J. V. Miller to fill the vacancy,

On motion regularly made and seconded, and unanimously adopted, Mr. J. V. Miller was elected director of the corporation.

At the request of Er. W. D. Cloos, on motion regularly made and se the following resolution was unanimously adopted:

RESOLVED, that the Board of Directors of The Edison Portland SECURITY, that the Point of Directors of the suison Portage General Control of the Point of the Security of Secur Quantity and Materials 150,000 Onnaburg Coment Bags.

Price and Belivery: \$85.00 per thousa Delivery in May & June.

Total Expenditure: Not to exceed \$12,750.00.

All in accordance with the terms and conditions contained in said purchase order.

There being no further business, the meeting adjourned.

Reed and Approved;

O.B. Charle Good

T. N. H. Theofore M. Edwar

H.L. Hand Collection

H.L. H. Wille

C.S. V. Shecram-f

AttExect

MINUTES OF A MENTING OF THE BOARD OF DIRECTORS OF THE EDISON FORTIARD CEMENT COMPANY

Held Thursday, March 26, 1931, at 11:30 o'clock a. m., at the principal office of the corporation, Nest Orange, New Jersey.

Theodore M. Edison, C. S. Williams, Jr.,

C. S. Williams, Jr Harry P. Willer, J. V. Willer, H.H. Eckert,

Directors; Secretary,

The meeting was called to order and presided over by the President Mr. Charles Edison.

The minutes of the meeting held January 28, 1931, were read and approved.

Wr. Charles Edison stated Mr. Relph H. Allen had returned from a trip abroad and that it was now advisable that he be re-closed a director of this corporation, replacing Mr. J.-Y. Willor. He thereopen presented the resignation of Mr. J. V. Willer and nomicated Mr. Ralph H. Allen to fill the wassampy.

On motion regularly made and seconded, and unanimously adopted, Mr.
Ralph H. Allem was elected director of the corporation, effective at the close of
this meeting.

There being no further business, the meeting adjourned.

Reed and Approved:	
C.E. Charles Caises	
T-A-B:	- 171 E
T. X. E. Hickory M. Edison	
Hold Honey Canada	
H.F.W. H. H. Hiller	
C.S.W. Quegune	
J.V.K. Smile	100

PRINTED OF THE ADDIAG PERTURO OF THE STOCKHOLDERS OF THE EDITOR POPULATION TOWARD

Note, pursual to order, Fotes, tay 15, 1981, at last ordered p. m. at the principal office of the ampression, before theoretics, comme takentee, more and Nationates, feet Crance, besidency.

The needing was called to order and presided over by the President, .Yr. Paries Edisor.

On order by No. 5. E. Allen, seconded by No. Emmy Lanaham, the calling of the pail of the stockholmer was despressed with, and the Secretary was instructed to make more of the attocholders present and the process present the contracting the process presents.

STOCKFOLDING PRACTICE IN PERSON

<u> </u>	 Common	. Preferred	Total
Alles, Ralph B.			- 2
Edison, Charles Edison, Theadone N.	5	-	
Lamahan, Renew		<u>.</u>	5
Willer, Earry F.			Š
41114-s, C. S. Cr.			

STOCKETOWER PERSONNERS OF THE

Pittings, Bartes E. Ir.	7700	100	2.5
Carrows, Charles 3.		100	. ,300
	75		
Hillinger, Elfaabeth 3.	. 36	59	154
Edison, Thomas A. Ros. Sow, Helen E.	234,019	57,058	291,107
	. 20		20
Tares, Anne L.	100	-	100
ESiland, E. Fraentel Erwell, Naude S.	24	34	68
and and a second	· · · · · -	20	20
Buff, Milliam, A. Estate	. 36	58	154
Pierman, A. X.		F-	
Micand, S. Franklin, Jr.			200
Istal. Shares	234,850	57,383	292,233

The proxies presented were ordered filed with the Sacretary.

The Providing presented and mend a copy of the abidge of the secting, transfer with the proof of the due mailing thereof, who each stockbilder of the corporation at least ten days prior to the meeting, as required to the Decision.

The transfer book and the stock books of the corporation, together with a CALL, trye and complete life in alphabetical order of the stock-bolders emiddless emitted to vote at the ensuing election, with the address of each and the nother of shares held by each, were produced and remained during the election open to improvious.

On motion by br. Henry Landhan, seconded by Mr. Henry F. Miller, and by unanimum affirmative mote, the reading of the minutes of the previous annual meeting of the stockhol ters was dispensed with.

On motion, doly occanded, Mosers, Paul F. Mason and B. S. Opdyke, neither of them being a candidate for the office of Director, were appointed Inspectors of Election and duly sworm.

Ar. Thanks Edison stated that Mr. Theodore K. Edison was not a candidate for re-election as a Director.

On notion by Er. R. E. Alten, seconded by Er. C. S. Williams, Jr., Press: Charles bifann, Tomas A. Edison, Balph H. Allen, C. S. Williams, Jr., S. E. bekert, Emmy Landan and Harry P., Hiller were monitared for Directors of theorynoration, to hold office for the emaning year, or until their seconsagra shall have been elected and qualified.

In other nominations having been made, a motion was made and

ratified and confirmed.

conded that the nominations be closed. The poll was declared open by the airman at 1:45 o'clock p. t., and the stockholders prepared their ballots I delivered them to the Inspectors.

On motion by Harry F. Willer, seconded by Henry Lanaba animous affirmative vote, the reading of the minutes of the Directors' meet ald since the meeting of the stockholders on May 16, 1930 was dispensed with e minute book being left open for inspection by anyone desiring to do so. On notion, duly seconded, the following resolution was unanimously

sted: RESOLVED, that the acts of the Directors and Officers on haboursh, these we acce of the Directors and wilders on behalf of this corporation, as set forth in the minutes of the Directors' meetings held since the annual meeting of the atopholders on May 15, 1930, be and the same are hereby approved,

During the balance of the hour that the poll was required to be kept n, Mr. Charles Edison reported on the results obtained from operations

ring the year 1930. The "Portland Cement Industry", in common with other industries, went rough a troublous year in 1930. Our can operations for the twelve months

ding December 31, 1930 resulted in a net loss of \$71,896.86.

Total shipments of cerent for the district in which we do business w pro" considerable in 1930, our own shipments being 17% less than they were for 29.

The decreese in volume of shipments is serious, as of course this addition reflects itself in bill Costs by reason of decreased production: Our 11 Cost in 1929 was \$.994 per barrel whereas in 1930 the cost was \$.975.

Mr. Edison stated further that as a result of the action taken by stockholders at a special nesting held January 26, 1931, that as of Ta 31, The Edison Portland Cement Company became an inactive corporation.

The poll having remained open at least one hour, was closed and th

inspectors presented their report in writing showing that the following persons received the number of votes set apposite their respective masses:

| Number of Verse | Course Minister of Verse | Course Minister of Verse | Course Minister of Course of Minister of Course of C

The Chairman thereupon declared the above-maned persons duly elected Directors of the corporation, to hold office until the most annual meeting, or until their successors shall have been elected and qualified;

The Secretary was then instructed to insert in the minute book; for the purpose of reference, the following papers:

- 1. Copy of the notice of the meeting and proof of service thereof.
 - 2. Form of Proxy.
 - 3. Inspectant' Cath and Report.

There being no further business, on motion regularly made and seconded, the meeting adjourned.

Read and Approved:

c.e. Cal Gan

C.S. V. Energy It au

E.I. Ham Canada B.P.X. H. Halle Secretary.

-in-contract for the con-

SECRETARIAL DEPT 3

Edison Portland (ement C.



M-- 1 1091

To The Stockholders of

THE EDISON PORTLAND CEMENT COMPANY:

The annual meeting of the Stockholders of The Edinos Portland Comment.

Company will be held on Pricksy. May 16, 1821, as 1.20 o'clock P. M., (Daylight Staving Time) at the principal office of the Corporation. Edinon Laboratory,

corner of Labendel Avenue and Main Street. West Ornage. New Jersey, for the

purpose of electing a Board of Directions of receiving and acting good her reports

of the officers, and for the transaction of such other business as may properly

come before the meeting.

If you do not expect to be present at the meeting, please affix your signature, duly witnessed, to the enclosed proxy and return it in the enclosed stamped envelope.

Yours very truly,

H. H. ECKERT,

Secretar,

SECRETARIAL DEPT

STATE OF NAV. (Madely)

1. W. ECREST, being daly sorm deposes and says that he is the ferretary of THE EDISON FORTHAND CENTER CORPARY, a compraction of the Darket, of New Jersey, and that on the 2nd day of May, 1931, he caused a notice of the Annual Meeting of the stockholders of asid corporation, a copy of which is ammend hereto, to be mailed in a coaled envelope, postage prepaidable, addressed to each of the stockholders of record of said corporation with the stockholders of record of said corporation.

KATE -

Subscribed and sworn to before re this 2nd day of May, 1931.

Sotary Public.



PROXY

KNOW ALL MEN BY THIS PRESENTS

That I, the Subscriber, to bereby condition and appoint Mr. Charles Edison or Mr. H., P. Miller my tree and lawful atterney in my same, place and stend, to vote upon all the note of The Edison Portland Cennent Cenneta Cenneta Cenneta Cenneta Cenneta Cenneta versus of the stackholders of the said Corporation to be held at the principal office of the Corporation, Edison Laboratory, corner Lakeside Avenue and Main Street, in the Town of West Onage, State of New Jenesy, on May 15, 1281, at one thirty o'clock P. Mr. (Daylight Saving Time) of said day, or one such other day as aid mentel; may thereafter the held by adjournment or otherwise, according to the mixing ber of voted I am now or may be then entitled to cast, hereby granting the said attempt full power and authority to ast for me and in my name at the addination; on resettings, in voltage for Directions of the said Comporation or otherwise, and in the transaction of such other business as may come before the meeting, as fully at local diol of pre-noting present, with full proceed in the said comporation or otherwise, and in the transaction of such other business as may come before the meeting, as fully at local diol of pre-noting present, with full proceed in the said and an extend this.

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_		 		 	(L S.)
In presence of:					
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SECRETARIAL DEPT.

STATE OF DESCRIPTION ()		· .		
COUNTY OF ESSEX	MARTINE TO	4	· .	
essra. Paul	F. Kason	ard E. S	i. Ondvke	vi hatne
will feithfully, honest	heir respective ly and impartial	oaths, do pro	mise and swe	Inanéntore of
POLITARE CENTENT CONTACT	n to'be held thi , and make a tru	a day for Dir e report of t	ectors of II he same.	E EDISON

Outscribed and sworr to before me this 18th day of May, 1931.

Notary Public.

he, the undersigned, Inspectors of Nection, report that; Anyling, taken seth inpartially to conduct the election of Directors of the above maned corporation, we directors 200,232 wotes of the above ballot, and that the following persons received the number of votes set organization means, to with.

For Directors	Number of Votes
Thomas A. Edison	292,233
Charles Ecison	292,253
Polph H. Allen	-292,233
C. S. Williams, Jr.	292,233
H. M. Eckert	292,233
Henry Lamahan	292,233
Farry F. Villag	202 *** **

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MINUTES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE EDISOR PORTLAND CEMENT COMPANY

Held Priday, Say 15, 1931, at 4:00 o'clock p. m., at the principal office of the corporation, Neet Orange, New Jersey.

Present: Charles Edison,
Ralph H. Allen,
C. S. Williams, Jr.,
H. H. Eckert,
Emnry Lamshan,
Harry F. Killer,
F. C. Erwin,

President:

Directors; Assistant Secretary

The meeting was called to order and presided over by the President Nr. Charles Edison.

The minutes of the previous meeting were read and approved.

Kr. Charles Edison stated that certain changes were desirable to be made in the By-laws and submitted a draft of the proposed new By-laws, the principal sections affected being as follows:

Officers, Executive Vice President, Financial Executive, Secretary, Assistant Secretary, Checks, Sotes, Contracts and Orders and Stock Certificates.

Ar. Edison further stated that these changes had already been discussed with the various officers and members of the Board, and had received their informal approval.

On motion regularly made and seconded, the following resolution was unanimously adopted:

RESOLVED, that the revised By-laws presented at this meeting be and they are hereby adopted, and a copy ordered filled with the minutes of this meeting.

Mr. Charles Edison stated that the next order of business was to elect officers of the corporation to hold office until the max regular amosal meeting or until their successors are elected.

On notion regularly made and ecconded, put to wote and m carried, the following persons were elected to fill the offices set opposite their respective names: Thomas A. Edison - Chairman of the Board of Directors - President Charles Edison Ealph S. Allen C. S. Williams, Jr. - Freeldent - Vice President - Vice President & General Manager - Vice President & Manager-New England M. D. Close Albert C. Bruff District Raymond A. Wetzler Vice President & Manager - Hew York and Philadelphia Districts
 Vice President in Charge of Traffic William Hildebrand H. H. Eckert H. F. Miller F. C. Brwin Hemry Lemahan E. C. Reed - Pinancial Executive - Ireaturer
- Control Vice President
- Assistant Vice President
- Assistant Treaturer
- Assistant Treaturer
- Assistant Treaturer & Credit Manager
- Assistant Scoretary
- Assistant Scoretary E.H. Philips J. V. Miller J. C. LaRue J. P. Doig

On notion regularly made and ecconded, the following resolution were unanimously adopted:

PERCLIVED, that Kesers. Ralph H. Allen and C. S. Williams, Jr., be and they hereby are designated, in accordance with the By-laws, as Executive Vice Presidents of this corporation.

The President designated Ealph B. Allen as the Executive Vice President for the direction of the Pinancial Executive.

There being no further business, the meeting adjourned.

Sand and Approved

C.S. Chance Grand

T.A. B. Reigh H. Allen

C.E. M. Carrier Grand

Ed. J. M. C

Secretary.

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the pres GENERAL DIVISION

THE EDISON PORTLAND CEMENT, COMPANY

MEETINGS OF STOCKHOLDERS

QUORUM:

A majority of the stock issued and outstanding represented, by the holisrs thereof, either in present or by proxy, shall be a quorus at all meetings of the etockholiers.

Place of Mesting:

All meetings of the stookholders shall be held at the Edison Lab oratory, corner Lakeside Avenue and Main Street, West Grange, County of Essay, the registered office of the Company in New Jersey.

Annual Westing:

The annual neeting of the stookholders shall be held on the third Friday in May of each year, at 1:30 o'clock p.m., when they chall elect by a plurality vote, by ballot, the Board of Directors, as constituted by thece By-lace, each stockholder being ensitied to one vote; in person or by proxy, for each chare of ctock registered in his or her name, on the 20th day preceding the election exclusive of the day of such election.

Notice of Annual Meeting:

Totice of the angual ceeting shall be mailed to each a solder, entitled to vote thereat, at hie or her address as the same and affects upon the records of the Coupany at least five days prior to the meeting.

Adjournment of Annual Westing:

At such annual meeting, if the holders of the sajority of the stack shall not be present or represented, the stockholders present shall have the parer to adjourn to a day certain and notice of the secting on the the adjournment day shall be given by depositing the case in the Post Office, sidressed to each stockholder entitled to vote at such adjourn seting, at least three tays before such adjourned meeting, scalasive of the lay of mailing, but if the holiers of a majority of the stock be present in person or by praxy, they shall have power, from time to time to adjourn the annual section to any subsequent day or days and me notice of the adjourned secting need be given.

Special Meetings

Special meetings of the etockholdere chall, at the request of the Chairman of the Board of Directors or the President, or two or more directors, or of a majority of the stockholders, be called by the Secretary, by mailing a notice stating the object of such secting, at least two days prior to the day of the accting, to each ctockholder entitled to vote thereas, at hie address as the came appears on the records of the Company. If all the etockholders chall saive notice of a erecial meeting, no notice of such. seeting shall be required. Ebsnever all the stookholders shall meet in person or by proxy, such secting shall be valid for all purposes without call or notice, and at euch secting any corporate action may be taken. If for any reason the stookholders should not in any year hold their regular annual seeting or an adjourned annual sceting, or should fail to elect a Board of Directors at the regular ansual meeting or at an adjourned annual meeting, a Board of Directors may be elected at any escoial meeting of the stockholders thereafter, provided a notice that such election will be held in contained in the notice callins such special neeting of stockholders. .

ORGANIZATION:

The Chairman of the loser of Directors shall have the right to preside at all coations of the stockholders, but if he be absent or prefer not to preside, then the rights shall preside and not a Cairman of the scatter. In case the Chairman of the fourt and the President shall both be absent or not desire to preside the scotcholders by rots of the majority of the stoot represented at the section cay desirants any sasher of the Board of the stoot presidents at the section of all of thesdirectors be absent of the scotcholders any desirant such note any scotcholder to preside. The Secretary of the Company shall not such rots any sections of the scotcholders, but to the absence of the Secretary at any meeting of the concludiers, but to the absence of the Secretary at any meeting of the touchdiers, the president of the scotcholders, not one as Secre-

BOARD OF DIRECTORS AND OFFICERS

POWERS:

The business and the property of the Company shall be samaged and controlled by the Yeard of Directors, who may, subject to the provisions of the statute, of the caster, and of the Pylears, exercise all such powers and do all such things as may be exercised or done by the Company.

Number and Term of Officer

The number of directors shall be seven. Each director, unless his office shall have otherwise become vacant, shall serve from the date of his shoution and qualification until the next answering of the etockholders or until his accessor has been elected and qualified.

Quorum;

A majority of the Board of Directors shall be a quorum for the transaction of business,

Notice of Meeting:

Meetings of the Board of Directory may be called by the Boarstary ht the request of the Chairman of the Board of Directors or the President, or of two or more directors, on one days the present of the Board of Directors on one started notice to each director; on one days the present of the Board of Directors may be raised by any district Notice of any secting of the Board of Directors may be raised by any district Phonewar all the seabers of the Board of Directors shall be present at any meeting thereof, such seeting and any action taken thereat, shall be wild for all purposes and on call or notice of couch meeting meet be given.

Place of Meeting:

The directore may hold their meetings, have an office and keep the books of the Company (except these required by law to be kept within the State of New Jersey) outside of the State of New Jersey, as the directors may from time to time determine.

Officers;

The officers of the company shall be a Chairfan of the Reard of Directors, a Frankiont, such Vice Fresidents as may be determined upon by the Board of Directors, and the Board may designed to now that the Officers and the Board may designed to now that the Officers and the Reard was a Finnesial Excentive, a General Manager, a Tressurer, a Socretary, a General Goumes!, such Assistant Tressurers as may be from time to time determined upon by the Board of Directors, such Assistant Secretaries as may be from the to time determined; upon by the Board of Directors, and a such other officers as may be from time to time determined; upon by the Board of Directors, all of whom shall ordinarily be sheeted by the Board of Directors at their first meeting after the election of directors.

Term of Office:

Each officer of the Company, unless his office shall have other size become vacant, shall serve from the late of his election until his successor shall here been clated. Any officer or agent of the Company shall be subject to resural at any time by the affirmative rote of a majority of the Board of Directors.

Chairman of the Board of Directore:

The Chairman of the Board of Directors shall be chosen from among the directors of the Compay and shall have the right to preside at all meetings of the Board, but if he heal have the right to preside, them can be received as a constant of the second of the President chall preside and at an Chairman of the second constant of the Chairman of the Seard and the President shall both be absent or not design to preside, the directors easy choose a Chairman pro tas from among their nurber, but the director se chosen to act as Chairman pro tas manual than have any of the power of the Country of the President, except the sutbority and duty to preside at the particular Board seating for which he is chosen Chairman of the Board of Directors stall here such powers and duties in commontion still the board of Directors stall here such powers and duties in commontion with the least of Directors that he company the president of the Primary and the Chairman of the Board could be considered to the Primary and the Chairman of the Company. The chair and the Company. He can't have company. He can't lead to have superficient or when the primary and there are many the company. He can't lead to have superficient or when the time delawated to he hay the two of Directory.

Precidents

The Freedom, shall be the chief executive of the Company, Shajest to the Board of Directors, he shall have recentle charge of the boainse are the Company. He may precise at any needing of the stableholders or directors, in case of the sheemoof the Chairman of the Bpard, or in ones the Chairman of the Bpard, or in ones the Chairman of the Bpard, or in ones the Chairman of the Poart, although present, should prefer not to preside. He shall have such powers and duties in concention with the standing and counterstaining of checks, notes, drafte and scorptances as are deficed in Articles standing of checks, notes, drafte and scorptances as mare deficed in Articles "SHEKKS" and "NOTES" of these Prieses, and subject to the Planes, see particularly Articles "CONTACTS AND OBDERS", may migh books, contrasts and, other contrasts of the Company. But the Contact of the Company, But the Contact of the Company, But and the Contact of the Company. But whill do not perform such our release as may be from that to them assigned to his by the Board of Directors.

Vice President:

Each Vice Freeident chall have such powers and authority as the ly-last may provide on as may be from time to time delegated to him by the loars of Directors. None of the Vice-Presidents needs be a director or Stockholder.

Executive Vice Procidents

Any Ties Persident the that pure been designated as an Especiate Vice President thall have such parts and duties in consention with the signing and countersigning of powers and duties in consention with the contification as are defined in Articles Provident as acceptance of the significant and support of the significant and support of the significant and support of the significant and color consendantly. COMPRICTAN SIGNIFICANT in the name of the Company. In the absence or disability of the President when the president when the significant is an executive Nice President shall have full power and surbority to perform the significant in the President shall have full power and surbority to perform the president significant significa

Financial Executive:

Subject to the control of the Board of Directors, and under the direction of such Eccutive Files Freidant as the Freidant my designate the Financial Roccitive shall have been fall charge of the company's finances. But have such power and duties in connection with the signing and the control of checks, as are defined in Article "COUNTED" these Property and Country of the Country of these Property and ratify increases and orders. Its shall do and perform such color duties as force time to the satisfact of the Property such Executive Vice President as the Fresident my designate, or the Board of Directors.

General Managar;

The General Manager shall do and perform such duties in commention with the management of the Company's buginess as may be from time to time assigned to his by the Board of Directors, the Chairman of the Board of Directors, the President or either Executive Vice President.

Treasurers

Subject to the control of the Board of Directors, and the President and under the direction of the Financial Executivs, the Pressurer shall be rested with the following powers and shall perform the following cuties:

He shall receive all noneys due and payable to the Company from many fource phatocover and may give receipts and endorse surrants in its mane for may not all payarsts unde to the Company. He may sign on behalf of the Company and the Company of the Company of the Company and all honds or other contracting required in the presention of such claims. SECRETARIAL DEPT.

He shall deposit all moneys and other valuable effects in the mass of the Company and to the credit of the Company in such depository or depositories as may be designated by the Board of Directors.

Hs shall have charge of the disbursement of the funds of the Company, taking proper receipts or vouchors for such disbursements.

He shall keep full and accurate accounts of receipts and disbursaments in books belonging to the Coopany and shall render whenever required, account of his transactions as Treasurer.

Hs shall have the cuttody of the funds of the Company and of all securities and evidences of inchebetases hald by it, including survipanas, noise, deeds of trust, collisteral of all hints, and stocks and houses He shall be cuttoding of such they reporties and effects of the Company He was been supported by the Board of Directors, the Chairman of the Board of Directors, the Fresident, or the Financial Rescutive.

He shall have such powers and duties in connection with the signing and countersigning of checks, notes, drafts and acceptances as are defined in the Articles "CHEMES" and "SURES" of these By-Law

With the President, or an Executive Vice President he may sign certificates of stock of the Company.

He shall do and perform such other duties as may be from time to time assigned to him by this Board of Directors, the Chairman of the Board of Directors, the Fresident, or the Funncial Executive.

The Treasurer shall give a bond of a security company to be approved by the Board of Directors in the sum of Fifty Thousand Bollars (\$50,000.00) for the faithful discharge of his duties.

Assistant Treasurers

Each Lesteaunt Tensurer shall be reside with all the powers and shall, most with direction of the Financial Executive, perfora 10 and 1

Secretary

Subject to the control of the Board of Directors and the President, and under the direction of the Financial Executive, the Secretary shall be wasted with the following powers and perfors the following duties:

GENERAL DIVISION

Es shall keep the sizues of all sectings of the Roard of Directors, and the sizues of all sectings of the succhildrers be shall stated to the giving and serving of all sottices of the Company provided for in the Type-Immage but a state of the Company all contracts suttorizedly the Board of Directors, and to all papers, instruments and documents, upon which it shall be required, but shall affir the seal of the Company he shall have charge of the required by the Board of the Company he shall have charge of the shall of the Company he shall be responsible for the registerior times both and stock ledgers he shall be responsible for the registerior times both the Company.

He shall have such powers and duties in connection with the countersigning of checks as are defined in Article "CHECKS" of those By-laws.

He shall have the custody of much original agreements, release, insurance policies, deeds, leaves and other papers or books as the Board of Directors, the Chairman of the Board of Directors, the President or the Pinnancial Executive may directly he shall be pail books of account of the Standard Stan

He shall be sworn to the faithful discharge of his duties as Secretary.

Assistant Secretary:

Each Assistant Secretary shall be vested with all the powers and shall, under the direction of the Financial Ksecutive, perform all, the duties of the Secretary in bis absence and shall do and perform such other duties as may be from time to time assigned to him by the Board of Directors, the French of Directors of Directors, the French of Directors of Di

General Counsels

The General Counsel shall be the chief consulting officer of the Company in all legal satters, and subject to the Board of Directors, shall have general control of all matters of legal import concerning the Company.

Vacancies

If the office of any director becomes weamt by reason of death, respectively. If the office of any director becomes weamt by reason of death, and respectively. Although less than a quorus, by a sajority vote may elect a successor or successors who shall had office for the semplest terms and if any of the offices of the observation of the office of the original of the office of the original orig

Delegation of Duties of Officers:

In the case of the chasence of any officer of the Company, or for any other reason which may seem sufficient to the Board of Directors, the Board of Directors may delegate his powers for the time being to any other officer, or to any director.

MISCELLANEOUS

Checks;

Except as may hereafter be specifically provided by the Board of Directors, all checks drawn on the funds of the Company shall be signed only by the Treasurer or Assistant Treasurer, and shall be countersigned only by the Chairman of the Board of Directors, the President, an Executive Fise President, the Financial Exceptive, the Secretary, or an Assistant Secretary,

Notest

All presisory notes under by the Coppany and acceptances of derital draws on the Coppany shall be signed only by the Chairman of the Board of Plenoiers, the President, an Executive Vice President, or the Tressurer, and shall be countersigned only by one of the sand officers who does not sign the same; similarly the endorseement on behalf of the Coppany of any such notes ande payable to the Coppany shall be eigended by by the Chairman's of the Board of Directors, the President, an Executive Vice President, or the Treasurer, and the same. The Treasurer of Assistant Treasurer shall have anthority to undersu on behalf of the Company all other notes and derits to be discounted at or placed for collotion with any sutherized depository of the Coppany.

Contracts and Orders:

All orders or content's involving an agrangia expenditure of Ten-Donand Dollars (\$10,000.00) over, caus, vittont scopption, be subborised or approved and ratificat by the Board of Directors, and such authorisation or approval and ratification suddending or approving and ratification suddending or approving and ratification such contents of the such contents of the such contents of the contents of the such contents of the suc

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3 TH. LES OF A MEETING OF THE BOARD OF DIRECTORS OF

THE BEILDS PORTLAND CEMENT COMPANY

delifonday, inventor 2, 1831, at 19:00 o'clock a. m., at the principal office of the corporation, Best Grange, New Jersey.

Present: Charles Edison, Freaident, Stalph St. Allen, C. J. Hilliams, Jr., di. N. Edestt, nearty Lanshan, Serry F. Ailler, Eirectors, S. J. Armin, Secretary, Secretary,

The meeting was called to order and presided over by the Fresident, or. Charles Adison.

The minutes of the recting held May 15, 1931, were read and approved.

The Fresident stated that the corporation had become inactive and that there were no prospects of its resuming business. He therefore recommended that the corporation be dissolved and its affairs wound up.

On notion regularly made and seconded, the following resolution was unanimously adopted:

SIGNIES, THE Now Comes of Services of the ableso Protected Comes to General teachers and another and for the benefit of the address Protected Comes and the acceptance of the

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Officest

The Company may have an office and transact business in such places outside of the State of New Jersey as the Board of Directors may from time to time appoint.

ton the state

Fiscal Years

The Fiscal Year of the Company shall begin the first day of January each year.

Dividends:

Bitidencis upon the capital stock of the Company, when earned, whallbe payable as and whose the Source of Directors any direct. Softer payment of any dividencie, or making distribution of profits, there may be set aside out of the net profits of the Company, such suo or mum as the directors may from itso to time, in their absolute discretion, think proper as a reasonable from to most contingencies, or for equaliting dividends, or for repairing, improving maintaining, increasing or extending the property of the Company, or for any other purpose which the directors shall think conductive to the interests of the

Stock Certificates:

Except as may be otherwise ordered by the Board of Directors stock certificates of the Company shall be signed by either the President or an Executive Vice Precident, and either the Treasurer or an Assistant Treasurer.

Amendments to By-laws:

The Board of Directore shall have power to make, alter or repeal the By-laws of the Company by a vote of a majority of all of the directors at any duly convende seesing of the Board, but any Sy-laws so cade or otherwise profulgated may be altered or repealed and new By-laws, pade by the stockholders at any duly convende meeting thereof.

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do hereby certify that the foregoing is a full, true and correct copy of the By-laws of this corporation in effect cach sheet of said By-laws being initialed and dated by me under date of

IN MITNESS WHEREOF, I have hereunto eigned my name as Secretary, and affixed the Seal of the corporation this day of

Secretary

There being no further business, the meeting adjourned.

tead and Approved:

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HHEV. L

H. I. HEnry Lanaham

r. x. H.F. chiller

MINTERS OF A MEETING OF MIL STOCKHOLDERS OF

THE PURCH PROTECTS CENTERS COMPANY

Held Thurstey, Sovether 12,1831, at 10:00 o'clock m.cm., at the principal office of the company, Adian Laboratory, Main Street, obrare of Lakeside, Arenar, New Yorky, New Yorky, pursuant to a resolution of the Board of Different at the amondance with the Bylaws.

The resting was called to order and, in the absence of the President, .r. nalph S. Allen soted as Chairman pro tem.

The Secretary reed the roll of stockholders entitled to vote at this meeting, with the following results

STOCKHOLDERS PLASENT IN FERSON	150
hunber of Shares	11.3
Name Common Preferred Total	13
Felch E. Allen 5	5
Benry Lensher 5 - 100000	5
Barry 7. Attler 5 - 1	5
C. S. Williams, Cr. 5 - 3: 13	- 5
7ote1 20	20.
STOCFHOLDERS REPRESENTED BY PROXY	
Sane Proxica Common Preferred Total	<u>a</u> .
Thomas A. hitern, Inc. Salth A. Allen 234,892 57,579 292,4	71.
Charles E. hillings, dr. and E. F. Miller 200 100 - 1	500
Charles 3. mirrows ", 75 - 75	75
	00
Eugenie *. Hotland 34 36 36 37 713 293.0	68

Total represented in person and by proxy 235,321 57,713 285,0 ore than two-thirds of the stock issued and outstanding being represented by the olders thereof in person or by proxy.

The proxies presented were ordered filed with the Secretary.

The reading of the nimutes of the previous meeting of the stockholders was, on rotion, dispensed with by unanimous rote.

The Secretary presented and read a copy of the motion of the meeting and motion of the meeting and motion of the same had been duly railed to each stockholder at his or her last known address at least" the days before the meeting.

The transfer and stock books of the corporation, together with a full, true and conclete list, in alphabetical order, of the stockholders emittled to rote at this meeting, with the residence of each and the number of shares held by mech, were produced and remained during the meeting open to inspection.

The Secretary read the minutes of the meeting of the Board of . Directors held on layerher 2, 1971.

The District stated that as a result of the agreement dated the fifteenth of January 1921, between the Addam Burtland Generic Company.

Edison Generic Copporation, Thomas A. Edison, Incorporated, Thomas A. Edison, Itim N. Lotton, Kabeline Litson Discus and Thomborn K. Edison, the company had disposed of all of its assets of every character and description: that as a consequence in the winding-up of the affairs of the company there would be no assets it distributes and that all known existing liabilities of the company to been provided for:

The following resolution was duly offered by Kr. C. S. Williams, and seconder by Kr. Harry F. Willer.

WEDLAS, at a certing of the Board of Directors duly contened and held on the 2rd day of Dovember, 1931, the Board of Directors of this composation adopted the following resolutions:

"indiction, has the based of Directors of the Eddson in Fortiand Corner Dorsey does declare it satisfies and most of our the benefit of the Lifeton Fortiand Corner Dorsey that Corner Dorsey that the Corner Dorsey of the

NOW, THEMPORE, he it RECOVED, that the foregoing resolution adopted by the board of Directors of this responsion be and the same is beenly approved, realified and confirmed.

A wore on seld resolution was taken by shares with the following

For the Resolution

Arainst the Resolution .

232,074 No.

The Underson stated that the attributions of the composition, being more than two-thirds in terrests of all the photbolders of the compositions are required by statute, het errod to fertired the foregoing resolution, and declared the restriction adopted.

The Georetary was instructed to procure the necessary signatures of the stockholders to the Certificate of Dissolution to be filed on behalf of this corporation, and this was done.

The Secretary was instructed to insert in the minute book for the purposest reference the following papers:

1. Copy of notice of this meeting and proof of service thereof.

2. Form of Prory...

results



There being no further business, the meeting adjourned.

end and Approved:

C.L. Charle Chara.

... Royal H. acu

con Esia A

H.H.L. AHEEKert

Hen Canadan

H.F.N. H. T. Miller

SECRETARIAL DEPT.

STATE OF HIS PERCEY COUNTY OF BUSINESS

7. C. NEUT, testing thiny severa, deposed that easys that he is the Secretary of THE IDENTIFY CHRISTIC CHRISTIC CREATER, a comparation of the Primery, and that on the Thinks of the Intelligence of an intelligence of the stockholders of said comparation, a copy of which is annead hereto, to be malled in a sealed convelope, postage preparing, address of to each of the stockholders of record of said comparation at the base appeared upon the records of the comparation.

Subscribed and sworn to before me

le Rouse

residence (

SECRETARIAL DEPT.

THE EDISON PORTLAND CEMENT COMPANY 1

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

West Orange, N. J. November 2, 1931

TO THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY.

In accordance with the by-laws of 17th Edition Portland Coment Company, you are bereby notified that a meeting of the Sucheboliste is to be held Tamaday Not-ember, 12, 1931, at 10 o'clock A. M., at the registered office of the Company, Edition Laboratory, comes Lakedick Avenue and Mins Street, West Grangs, New Tenny, Fart the purpose of taking action upon a resolution adopted by the East' of Director comes before the meeting. Descriptions of the Company of the Compan

A copy of said resolution is as follows:

RESOLVED: That he Board of Divectors of the Edina Particula Clement Goupes, does declave; is shivable and most few the benefit of the Edina Particular Cloupes, that he same should be dissaved; not, that a meeting-of the Stechholmer he called for all half on Thermachy. the 11th stop of Sermeller, A. D. 11th, at he selfice of the Common half of Thermachy. The International Common half of Thermachy and Further, that the Servicery forthwish graff notice of said meeting of Stockholmers and of the adoption of this research on the Common half of the adoption of the research on the research of the solution of the research on the research of the solution of the research on the research of the solution of the research on the research of the solution of the research on the research of the solution of the research on the research of the solution of the research on the research of the solution of the research on the research of the solution of the research on the solution of the research of the solution of the solution

If you'do not expect to be present, will you kindly send me a suitable proxy, designating an agent to represent you at the meeting. A form considered suitable for this purpose is enclosed, and if satisfactory to you should be signed and

Respectfully yours,

F. C. Erwin, Secretary.

SECHETALIAL DEPT.

PROXY

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned names, constitutes and appoints Charles Edison, H. P. Miller and Ralph H. Alben, and each of them, the true and lawful attemps and precise for and in behalf of the undersigned, to attend the meeting of the stockholders of The Edison Portland Commit Communic Com

WITNESS my hand and seal this		day c	f November	1931.
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			α	. 8.)

PHOTIES FOR SPECIAL MEETING OF STOCKHOLDERS OF

THE STISCE PORTLAND CLASSIC COMPANY

November 12, 1931.

Preferred 2001 57,679 292,471 Thomas A. Edison, Inc. 100 -- - -- ----Charles E. Billings, Jr. Kovenber 6 Charles G. Burrows Anne L. sanna November 3 Ers. Eugenia F. Holland November 9

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SECRETAL DIVISION

FROIT

KACR AL! VEN BY THESE PRESENTS:

Itet the undersigned names, constitutes and appoints Charles Edison, W. F. Filler and Salph ". Allen, and each of them, the true and lawful attorney and proxies for and in behalf of the undersigned, to attend the meeting of the stockholders of The Edison Fortland Cement Company to be held at the principal office of the Conyany, Edison Laboratory, corner Lakeside Avenue and Main Street in the Town of Rest Grange, State of New Jersey, on November, 12, 1931 at 10 o'clock A. Y., or at any adjournment thereof, and, at such meeting or in ings to vote upon the undersigned's stock in said Company, to take unting on resolution passed by the Board of Directors on Forember 2, 1951, wherein the moard of Directors of the corporation declare it advisable and most for the benefit of The Adison Fortland Cement Company that the same should be diss and to vote upon any and all matters which may lewfully come before and meeting or meetings; to consent in writing on behalf of the undersigned to the dissolution of The Adison Fortland Cement Company and to sign the name of the undersigned to a consent to such dissolution; hereby revoking any and all proxies teretofore given to vote upon the undersigned's stock and hereby ratify ing and confirming all that said attorneys and proxies may do by virtue hereof. A rajority of said afterneys and proxies as shall be present and shall act at said recting or rectings (or if only one shall be present and set, then that shall have and may exercise all of the powers of all of said attorneys and proxies tereunder.

IN NICHAEL WHENDE, Thomas A. Mofenn, Incorporated has caused that instrument to be executed by its Freedom't or Vice President and the corporate seal to be hereto affired, attented by its Secretary or Assistant Secretary 1816. 18th [As of Normetor, 183].

THOMAS A. EDISOS, TROOFFINATE

Secretary.

SECHITARIAL DEPT.

PROXY

KNOW 'ALL MEN BY THESE PRESENTS:

That the undersigned names, constitutes and appoints Charles Edinos, H. P. Miller and Ediph H. Allen, and such of them, the true and lawful attorneys and proxine for and in behind of the undersigned, to attend the meeting of the stockholders of The Edition Portraind Communication to be held at the principal office of the Company, Edition Laboratory, comer Labridge Arennes and Main Street, in the Toron O'Nett Orange, State of New Tersey, on November, 12, 13th at 10 o'clock A. M., or at any adjournment thereof, and, at not meeting or meetings to viole upon the mederaged sets tools in said Company, to take action on a resolution passed by the Board of Directors on Nov. 2, 13th, wherein the Board of Directors of the corporation declare it is drinable and most for the benefit of The Edition Portraind Comment Company that the same should be dissolved, and to vote upon any and all matters which may lawfully come before such meeting is track and hereby racing may and all protects bereforing evient to vote upon the undersignative stock and hereby ratifying and confirming all that said attorneys and protes and abulled at the Meeting or meeting (or if only one shall be present and act, then that one) shall have and any carries all of the powers of all of said attorneys and protes as shall be present and shall set at since

WITNESS my hand and seal this Self and One Movember 1993.

The self and seal this Self and Se

100 Carry

SECRETALIAL DEPT

PROXY

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned sames, constitutes and appoints Charles Edinos, H. F. Miller shall Robe H. Allers, and each of them, the tree and lawful attempers and protective for and in bidden of the undersigned, to attend the mosting of the stockholders of The Edinos Portland, Compart to be hold at the principal office of the Company. Edinos Laboratory, corter Laboratory, and the state of the state, on November, 15, 1551.

Avance and Main Street, in the Town of West Omane, State of New Jersey, no November, 15, 1551.

A to Ocide A. M., or at any adjournment thereon, and, as ten hereful no restriction passed by the Ballet of the undersigned's stock in said Company, to take setties on a resolution passed by the Ballet of the undersigned's stock in said Company, to take setties on a resolution passed by the Ballet of State of New Jersey, and the said of Directors on New, 2 Stati, wherein the Band of Directors of the corporation declars it significant distorted, and to tout upon any and all matters with many hardely once before such investigate, of the state of the s

meeting or meetings (or if only one shall be exercise all of the powers of all of said attor-				ve and may
WITNESS my hand and seal this	sin	the	day of Nov	ember 1931.
Witness: Éluca S. Parker	Chas.	G'Bm	nows	(L S.)
		,		•
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- SECRETARIAL DEPT.

PROXY

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned names, constitutes and appoints Charles Edines, H. F. Miller and Robb H. Allen, and each of them, the true and lawful attemps and premise for and in behalf of the undersigned, to attend the meeting of the stockholders of The Edines Purtland General Compart be be all et als reprinciple office of the Company. Edines Laboratory, corner Lakeville Avenues and Main Street, in the Town of West Orange, State of New Jersey, on November, 15, 1565, at 10 ol-clock. An or at any adjournment thereof, and, its chan heading or meetings to view superate the contraction of the undersigned's stock in and Company, to take action on a resolution passed by the Board of Decreos or Nov. 2, 1501, wherein the Board of Decreos or the compension desire is skylashed, and must fee the benefit of The Ediness Portland Consent Company that the same should be and must fee the benefit of The Ediness Portland Consent Company that the same should be and must fee the benefit of The Ediness Portland Consent Company that the same should be and must fee the benefit of The Ediness Portland Consent Company that the same should be and must fee the benefit of the Board of Decreos of the compension of the

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PROXY

KNOW ALL MEN BY THESE PRESENTS:

Tast the underigned names, consistent and appoints Charles Edison, H. F. Miller and Raba H. Alba, and each of them, the tree and lawful attempts and procise for and in behalf of the undersigned, to attend the meeting of the stockholders of The Edison Perthal Clements Company to be held at the interpal office of the Company, Edison Laboratory, corner Lakedde Avenus and Kains Street, in the Town of West Orness, State of New Jensey, on Novembe, 12, 2014 at 10 Jecket A. M., or at my adjournment thereof, and, at such meeting or meetings to vote upon the underlayed's state in mail Company), to take action on a resolution passed by the Board of Directors on Nov. Z. 1931, wherein the Board of Directors of the composition declare it schrizble and most fee the Deserfit of The Edison Perthald Centeric Company that the same should be dissolved, and to vote upon my and all matters which may lawfully one before such meeting or meeting: bothy revoking my and all profess bestcrober given to vote upon the toderingsoff's stock and boreby pathfying and confirming all that said attorneys and provices as shall be present and ability at sind meeting or meetings (or if only one shall be present and act, then that one) shall have said may carerise all of the powers of all of said atterneys and provices are shall be present and ability at and meeting or meetings (or if only one shall be present and act, then that one) shall have and may accrete all of the powers of all or all atterneys and provices are because the resources and the present and act, then that one) shall have and may

WITNESS my hand and send this 9 14 day of November 1931

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- In so Eugenia F. Holland (1.8)

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SECRETARIAL DEPT.

STATE OF LESS SERVERY

lessrs. In L. Namage and severally per between the resting to a brake take Severally per the resting to a brake take Severally	, do promise and rform the duties	of Tellers; at
the resting to a viel of the day to take not the Bear's Tirestore of the Lidson Forelam 1931, and make a true report of the same. Subscribed and sworm to before me	rform the duties	of Tellers; at
1351, and make a true report of the same.	d Comment Company	on Fovember 2.
Subscribed and sworn to before me		
Subscribed and sworn to before me		
this 12th day of Nev-ter, 1931.	10 Dans	200
Shortes Koung	16 mas	رب د
otary Public.		*
• ,		3° next
	. *	- Dr., 155.6
He, the undersigned, Tellers, reporting artistly to conduct the vote on the resolution on November 2, 1921, to take action betain Partiand General Dompany, we did receive atoakholders by ballott no set forth balom:	tion edopted by	
For the resolution	293,084	/ atteatts
Against the resolution	None	an annanti
		Supplied to the supplied to th
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MINTEL OF A PERSON OF THE BOARD OF DERECTORS OF THE ROTHER OF THEIR CHICART COMPANY

Provided that the state of the control of the contr rinot, at office of the comporation, Next Orange, "New Jersey.

Charles Dison, Président Relyh H. Allen, C. 3. Williams, Fr., Henry Lanahan, Harry F. Liller, F. C. Ersin,

The meeting was called to order and presided over by the Preside ir. Charles Estara.

Secretary.

The minutes of the meeting held November 5, 1931, were read and approved.

ir. F. C. hrein stated that Cortificate No.548 for Fifty (50) mhores of the Braderred Capital Stock of Tas Edison Fortland Coment Company in the came of Augusta F. Darling (secessed) has been lost or mislaid; that George F. Pearse, Treasurer for The Fine Pank & Trust Co., Darien, Conn., Administrator c.t.s., of the hatate of agasts F. Darling, deceased? had made an' afflicate to the affect that the Certificate is lost and has been missing for s number of years; that the Lait .. ininistrator, c.t.s., had requested The Edison Fortland Coment Company to issue a new certificate in lieu thereof; and, that The None Sunk : Trust Co., of Darten, Comm., as Principal and American Surety Co. of New York as Surety, . are willing to furnishing Bond, of Internity to intensity this composition against all demage arising out of the roissue of sail cortificate.

On motion regularly made and seconded, the following resolution eas unanimously adopted:

NOTELS, Assures F. Darling (doceaned) is the record over the Fifty (50) there of the Trestreed Copinal, tend of The Titler of Copinal Communication of the Trestreed Copinal, tend of The Titler Perturbation Communication, as the Copinal Co

NOT, THEREFORE, E. IT RESCRIPED, that the proper officers of this conjectual to be all they are barely authorized to jeste of this conjectual to be all they are barely authorized to dissist place of reperiods. For the properties are the properties of the properties at the name of Augusta F. Deling, alleged to have been less and missing for a number of years, (you tellevery by The Name Book & Thurst Company of Bartley, Donn, of a cuttainly board of indemnity.

There being no further business, the meeting adjourned.

Road and approved:

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RELL Racol IV. allen

C.... Eneciamo for

E.E.E. M. Eckert

H Allille

EDISON PORTLAND CEMENT COMPANY RECORDS LEGAL RECORDS

These records cover the period 1899-1928, with most of the documents dating from 1899-1904. They consist of correspondence, agreements, meeting announcements, and other documents relating to incorporation and financial matters. A few of the documents are written or signed by Edison or bear his marginalia. Included are copies of the company's certificate of incorporation and bylaws; a draft of Edison's report to the stockholders' meeting of April 14, 1903; and a draft of the agreement executed with Edison on June 9, 1899. Other items concern the decisions in 1904 to double the output of the cement works at Stewartsville, New Jersey, and to issue a mortgage bond. Also included is material pertaining to an increase in capital stock in 1907.

Approximately 10 percent of the documents have been selected. Many of the unselected Items are agreements, including one relating to diamond-drill operations and a variant version of the agreement of June 9, 1899. A few of the unselected agreements, leases, waivers, and proxies are signed by Edison. Also not selected are documents pertaining to the company's gold bonds of 1904; specifications for equipment; statements of unsettled accounts; estimated requirements for labor and material (1903-1904); and stock certificates.

CERTIFICATE OF INCORPORATION

BY=LAWS

THE EDISON
Portland Cement Company

Incorporated under the Laws of the State of New Jersey.

1899.

CERTIFICATE OF INCORPORATION

BY=LAWS

THE EDISON
Portland Cement Company.

Incorporated under the Laws of the State of New Jersey

1899.

CERTIFICATE OF INCORPORATION

The Edison Portland Cement Company.

Registered office with New Jersey Corporation, Guarantee and Trust Co., Camden, N. J.

First. The name of the corporation is "THE EDISON Name of Cor-PORTLAND CEMENT COMPANY."

PORTLAND CHMINT CONTANY."

Scoud. The principal office is to be registered with Leasing of the New Jersey Corporation Guarantzer and Trust Company is

TRUST COMPANY, and situated at No. 419 Market

Street, Camden, New Jersey. Said Trust Company is

the agent therein and in clarge thereof, and upon

whom process against this Company may be served.

Third. The objects for which this corporation is object at constablished are:

To do any or all of the things hereiu set forth to the same exteat as natural persons might or could do, and in any part of the world, as principals, agents, contractors, trustees, or otherwise, in furtherance and not in limitation of the general powers conferred by the laws of the State of New Jersey, viz:

(a) To manufacture, roduce, huy or otherwise require and use, deal in and deal with Portland and acquire and use, deal in and deal with Portland and all thorize kinds of hydraulic and one hydraulic cemeats, and all like or kinder perducts, and all products and articles in the manufacture or composition of which any cemeator is kinder deling in a factor; and all many cemeator is kinder deling in a factor; and all manufacture in the state of the control of the control

facturing or otherwise, of all materials, supplies and other articles, necessary or convenient or which may hereafter become necessary or convenient for use in connection with and in carrying on the business hereiu mentioned, or any part thereof. And to sell, ex-change, pledge, deal in or otherwise dispose of the same in any manner whatsoever; and to sell or use any by-product of the same, or any of them, or any part thereof, arising from the productiou, manufacture or use of the same as aforesaid, and in general to engage

Precion of se. in any lawful business or enterprise of whatsoever kind to, any or all of the objects aforesaid. (b) To conduct its business in all its branches and

have one or more offices, and without limit as to amount to hold, purchase, lease and otherwise acquire and use, work, mine, develop, convey, pledge or dispose of real and personal property and any interests and rights therein, both within or without the State of New Jersey and in any other part of the world which may be necessary, convenient or desirable in connection with any or all of the objects aforesaid.

(c) To manufacture, purchase, or otherwise acquire. to hold, own, mortgage, pledge, sell, assign and transfer, or otherwise dispose of, to invest, trade, deal in and deal with goods, wares and merchandize and property of every class and description, and to do both mining and manufacturing of any kind; to own patents and machinery connected with the making or. using of cement and disposing of rights to others.

(d) To acquire good will, rights, and property of all kinds, and to acquire and undertake all or any part of the business, and the whole or any part of the assets and liabilities of any person, firm, association or Pay in cash or corporation, and to pay for the same in cash, stock in this corporation, by bonds or otherwise.

(e) To apply for, obtain, register, purchase, lease,

introduce and take, assign or otherwise dispose of, any marks, and all inventions, improvements and processes used in connection with or secured under Letters Patent of the United States or elsewhere or otherwise, Pa and to use, exercise, develop, grant licenses in respect of, or otherwise turn to account any such trade marks. or any such property, rights and information so acquired, and with a view to the working and development of the same, to carry on any business, whether mining, manufacturing, or otherwise, which the corporation may think calculated directly or indirectly to effectuate these objects.

(f) To hold, purchase, or otherwise, acquire, to sell, Assign assigu, transfer, mortgage, pledge, guarantee, exchange, or otherwise dispose of shares of the capital stock of or any bonds or other securities or other evidences Exercise all of indebtedness created by other corporations of this, or any other state or foreign country, and while owners or holders of such stock and securities, to exercise all the rights and privilege of ownership, including the right to vote thereon, to the same extent as a natural person might or could do, with power to designate some person for that purpose, and in general to do all or anything relating to such corporations in connection with the foregoing objects and incidental thereto, as fully as an individual might do, not prohibited by law,

(g) To purchase, lease, exchange, hire or otherwise Acqui acquire, any and all rights, privileges, permits or franchises suitable or convenient for any of the purposes of its business, to erect and construct, make, improve, or aid or subscribe towards the construction, making and improvement of mills, factories, storehouses, buildings, roads, docks, piers, houses for employes and others, and works of all kinds; and in conjunction with and in furtherance of the general business and purposes of the corporation, as above de-

and all trade marks, trade names and distinctive Trade marks. patents, licenses, concessions, processes and the like, Licenses.

or otherwise acquire, and to hold, own, use, operate,

Operate Rall scribed, to construct, lease, own, operate or sell a railroad or railroads, or both, in any state or country

other than the State of New Jersey, subject to the laws of such State or country, either directly or through the ownership of stock of a corporation formed or to be formed for the purpose under such laws of such other state or country.

Authority of the Board of Directors, for any and all lawful purposes in the course of the transaction of the business and uffairs of the corporation, execute and issue bonds, debentures, and other evidences of indebtedness, and issue or cause to be issued certificates, notes, or other negotiable or transferable instruments, and pledge any and all of the assets of the corporation for the performance of the covenauts of such bonds, debeutures, certificates and other instruments, upon such terms and conditions as may be set out in the instrument pledging the same,

or in any contract, deed, or instrument relating there-(i) To guarantee the payment of dividends or interest on any shares, stocks, debentures or other securities issued by or any other contract or obligation of any corporation wheaver proper or accessary for the business of this corporation in the judgment of its

directors, or the executive committee. (/) To make and cuter into, perform and carry out, contracts of every sort and kind with any individual. firm, association, corporation, private, public or municipal, body politic, and with the government of the United

States, or any state, territory, or colony thereof. (4) To procure the company to be registered or recognized in any State, county, city or other municipality of the United States, the Territories thereof, the District of Columbia, Colonial possessions, or Territorial acquisitions, and in any foreign country, or any city, town, or municipality thereof.

(1) IN GENERAL to carry on may other business in

connection therewith, whether manufacturing or otherwise, to do all and everything necessary, suitable or proper for the accomplishment of any of the purposes or attainment of any one or more of the objects herein enumerated which may be deemed necessary or expedient by the Board of Directors or the Executive Committee, or which shall at any time appear conducive or expedient for the protection or benefit of the corpora-. tion, either as holders of or interested in any property. and with all the powers conferred by the laws of New Jersey upon corporations under the Act referred to and its supplements.

It is the intention that the objects, purposes and it powers specified in clauses contained in this third por paragraph shall, except where otherwise expressed, in said paragraph; be nowise limited or restricted by reference to or inference from the terms of any other clause of this or any other paragraph in this charter, but that the objects, purposes and powers specified in each of the clauses in this paragraph shall be regarded as independent objects, purposes and powers.

Fourth. The total authorized capital stock of this Capital stock corporation is Eleven million Dollars (\$11,000,000) divided into two hundred and twenty thousand shares of a par value of Fifty Dollars each. Of the said stock, forty thousand shares, amounting at par to Two million Dollars, are to be Preferred Stock, and one hundred Preferred stock

and eighty thousand shares, amounting at par to Nine Commonstock million Dollars are to be Common Stock. With the consent of three-fourths of all the stock Company may outstanding, present or represented by proxy, at a

meeting duly coaveaed for the purpose, this company may acquire, absorb or merge with any firm, associa- Issue rights tion, company or other corporation or issue rights upon a royalty for manufacturing cement under said . Edison patents, and with the like consent of threefourths of all the shares of stock outstanding may increase the capital of said company.

Subject to the foregoing provisions the following rights, privileges and conditions shall attach to the Rights of shares aforesaid, that is to say :

(1) The Common Stock shall be subordinate to the rights of the Preferred Stock, except that both Preferred and Common Stock shall have equal voting powers.

(2) The corporation shall not be at liberty, without the consent of the holders of three-fourths in amount of the capital stock issued and outstanding present or represented by proxy at a meeting convened for the purpose:

(a) To create or issue any other or further shares ranking in any respect pari passu with or in priority to the aforesaid issue of Two Millions of Dollars preference shares;

(b) Nor to create any charge, except as herein prowided, upon the net profits of the corporation which shall not be subordinate to the rights of the preference

(c) Nor to reserve a surplus fund which shall not be chargeable with the payment of the accrued dividends on the preference shares.

Dividents of preferred stock (3) The said preference shares shall carry a fixed cumulative preferential dividend at the rate of, but never exceeding, eight per cent. (8%) per annum on the par value thereof, and such dividends shall be declared at such times as may be fixed by the Directors or the Executive Committee. If in any year dividends amounting to eight per cent. (8%) per annum shall not be paid on such preferred stock, the deficiency shall be a charge on the net profits and be payable, but without interest, before any dividends shall be paid upon or set apart for the common stock.

Dividends of common stock.

(4) The palance of the net product of the december of the payment of said cumulative dividend at the (4) The balance of the net profits of the corporation rate of eight per cent. (8%) per annum to the holders of the preferred stock, may be distributed as dividends

among the holders of the general or common stock as and when the Board of Directors or the Executive Committee shall, in their discretion, determine,

(5) In the event of the liquidation or dissolution Liquido of the corporation the surplus assets and funds thereof event of shall be applied in the first place in repaying to the holders of the aforesaid cumulative preference shares the full amount of the principal thereof and the accrued dividends, if any, charged, before any amount shall be paid upon the common stock, and after such payment in full to the holders of said cumulative preference shares, the surplus assets and funds shall belong to and be divided among the holders of the other shares.

From time to time the Preferred and Common stock Stock, be may be issued in such amount and proportion as shall be determined by the Board of Directors, in accordance with the laws of the State of New Jersey.

Fifth. The Directors of the Company shall be nine Number of in number, and shall be chosen annually by the stockholders.

Sixth. The names and the post office addresses of Names of the incorporators, and the number of shares of Common stock subscribed for by each, the aggregate of which (\$2,000) is the amount of capital stock with which this corporation will commence business, are as follows:

P. O. Address. Thos. A. Edison, Orange, N. J. Five (5)
Wm. H. Shelmerdine, Philadelphia, Pa. Five (5) HARLAN PAGE, Five (s) E. CLARENCE MILLER, Five (5) WALTER S. MALLORY, Orange, N. J. Five (5) WM. S. PILLING. Philadelphia, Pa. Five (5) LUTHER S. BENT, .. Five (5) THERON I. CRANE. .. Five (5)

Seventh. The duration of the corporation is to be company per perpetual, and its existence shall begin on the day of petual.

the filing of this certificate in the Office of the Secretary of State of New Jersey.

Eighth. The subscribes hereto, and each other subscribes seatter for stock of the Company, sailed at all times be liable for the purchase price of the stock for which he subscribes until filty per cent. of the per value thereof has been paid theron; but after the payment of said fifty per cent. the subscriber shall no longer be liable for any unpaid part of his subscription excepting upon such share as shall stand of record on the books of the Company in the subscriber's name at the white the standard of the company of the subscription of the company, and they only, shall be liable for the office of the company, and they only, shall be liable for the office of the company of the composition to proceed to rollect unpaid assessments by asiat metal to the corporation to proceed to rollect unpaid assessments by asiat and forfeiture of the settod of a stockholder in

arreaga. The corporation may me and apply its surjues armings or accumulated profits, including the amount authorized by law to be reserved, to the purchase and accumulation of property and to the purchase and accumulation of property and to the purchase and accumulation of the purchase and upon such terms of the property nor the capital stock, house, dehentures, or other obligations so purchased or acquired, nor any of the same taken in payment or antifaction of any debt due to the corporation, shall be regarded as profits on the corporation, shall be required, and the shall be according to the property of the same payment of dividends unless no determined by a majority of the sociologiem.

Ninth. The Board of Directors shall have the power, without the assent or vote of the stockholders, to make, alter, amend, and rescind the by-laws of this corporation, provided there be no conflict with this charter; to increase the membership of the Board and elect mem-

bers thereto; to fix the amount to be reserved as working capital, but it cannot authorize or cause to be executed mortgages and lieus, or make, and execute the same, upon the real and personal property of this corporation, or effect a sale of all or a substantial part of the property of the said corporation unless pursuant to the vote of three-fourths of all the stock outstanding at a meeting duby convexed either actually present or represented by proxy.

The Board of Directors shall from time to time determine whether, and to what extent, and at what times and places, and under what conditions and regulations, the accounts and books and records of the corporation, or any of them, shall be open to the inspection of the stockholders; and no stockholder shall have any right of inspecting any account or book or document of the corporation, except as conferred by statute or authorized hy the Board of Directors, or hy a resolution of the stockholders. The Board of Directors, in addition to the powers and authorities by statute and by the bylaws expressly conferred upon them, may exercise all such powers and do all such acts and things as may he exercised or done by the corporation, but subject, nevertheless, to the provisions of the statute, of the charter, and to any regulations that may from time to time he made by the stockholders, provided that no regulations so made shall invalidate any provisions of this charter, or any prior acts of the Directors, which would have been valid if such regulations had not

The corporation may, in its by-laws, confer powers my-daws may additional to the foregoing upon the Directors, and confer powers may preserbe the 'number necessary to constitute a quorum of its Board of Directors, which number may be less than a majority of the whole number.

be less than a majority or the whole number.

The Board of Directors may, by resolution passed by Receiber a majority of the whole Board, designate three or Committee, more of their number to constitute an executive com-

mittee, which committee shall, for the time being, as provided in said resolutions or in the by-laws of said corporation, have and exercise all the powers of the Board of Directors in the management of the business and affairs of the Company, and have power to authorize the seal of the corporation to be affixed to all papers which may require it.

Any member of the executive committee, or the President or Vice President, may be subject to removal during their respective terms of office upon the vote of six directors.

The directors or executive committee shall have power to hold their meetings, to have one or more offices, and to keep the books of the corporation (except the stock and transfer hook) outside of this state, at such places as may be from time to time designated by them.

The Undersigned, for the purpose of forming a corporation, in pursuance of an act of the legislature of the State of New Jersey, entitled "An Act Concerning Corporations" (Revision of 1896) and the various acts amendatory thereof, and supplemental thereto, do make, record, and file this certificate, and do respectively agree to take the number of shares of stock hereinbefore set forth, and have accordingly hereunto set our hands and seals this 3rd day of June, A. D. 1899.

In the Presence of EDMUND CONDIT, THOS. A. EDISON. , WALTER S. MALLORY. EDWARD J. ALHDO.

THOMAS A. EDISON,
WM. H. SHELLERDINE,
SCALEBROIR SEAL,
B. CLARBENCH MILLER,
WALTER S. MALLORY,
WALTER S. MALLORY,
WALTER S. MALLORY,
CHARLES BENT,
THERON I. CRANE,
SCAL

STATE OF PENNSYLVANIA, }s.

Be it remembered, that on this third day of June, A. D. 1899, before me, a Commissioner for the State of New Jersey, resident, in the State of Pennsylvania and City of Philadelphia, personally appeared William H. Shelmerdine, Harlan Page, E. Clarence Miller, William S. Pilling, Luther S. Bent and Theron J. Crane, who, I am satisfied, are the persons named in and who executed the foregoing certificate, and I having first made known to them and each of them, the contents thereof, they did each acknowledge that they signed, sealed and delivered the same as their voluntary act and deed.

Witness my hand and official seal.

EDWARD J. ALEDO, SEAT. A Commissioner for the State of New Jersey.

{ ss.

STATE OF NEW JERSEY, COUNTY OF ESSEX.

Be it remembered, this to this third day of Juse, A. D. 1899, before me, the subscriber, a Commissioner of Deeds in and for said County and State presistant and parent? Thomas A. Ridison and Water S. Mallory who I am satisfied are the persons named in and who caccuted the foregoing certificities, and I having first acceptable the propose of the prop

Received June 6th, 1899, and recorded in Clerk's office of the County of Caunden, N. J. in Book No. 13 of Corporations on Page 133, etc.

ROBERT L. BARBER,

Budorsed, Filed June 7th, 1899.
George Wurts,

Secretary of State.

STATE OF NEW JERSEY,)
DEPARTMENT OF STATE.

I. Alexander H. Rickey, Assistant Secretary of State, of the State of New Jersey, do hereby certify that the foregoing is a tempty of the Certificate of Lucorporation of "The Editional Consense Company" as the same is taken from and on program of the region of the Secretary of State on the seventh day of June A. D. 1899, and now remaining on fifs thereof.

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In testimony whereof, I have hereunto set my hand and affixed my Official Seal, at Trenton, this eighth day of June A. D. 1899.

A. H. RICKEY,

Assistant Secretary of State.

Senl }

BY=LAWS

Or

THE EDISON

Portland Cement Company.

Incorporated under the Laws of the State of New Jersey.

1899,

BY-LAWS

The Edison Portland Cement Company.

Title, Location and Corporate Seal,

1. The title of the corporation is THE EDISON Name and localities of office.

PORTLAND CHMENT COMPANY.

2. The principal office shall be and he registered with the NEW JERSEY CORPORATION GUARANTER

AND TRUST COMPANY, Camden, New Jersey.

The Company may also have an office in the City
of Philadelphia, State of Pennsylvania, and also
offices at such other places as the Board of Directors
may appoint, or the business of the Company may

require.

3. The corporate seal of the Company shall have Corporate inscribed thereon the name of the corporation, and the words "Corporate Seal, New Jersey."

Directors.

4. The property and business of the corporation squakes tyrashall be managed by a Board of Directors, nine in the state of the state of

5. If the office of any Director, or of the President, viscusion in Secretary or Treasurer, one or more, becomes veacant, effice. How by reason of death, resignation, disqualification or otherwise, the remaining Directors, by a majority vote, may elect a successor or successors, who shall hold office for the unexpired term.

segmentare of 6. Any Director or other elected officer may resign his offices at my time, such resignation to be made in writing, and to take effect from the time of its receipt by the Company, unless some other time be fixed in the resignation, and then from that time. Thesecospanse of a resignation shall not be required to make a Any size West-Frendent during his term of office. Such Medice, General President.

Meetings of stockbolders.

7. All meetings of the stockholders must be held within the State of New Jersey, and at the principal office of the Company in Canaden, N. J. At all meetings of the stockholders, shareholders may

vote either in person or by proxy in writing.

No proxy shall be voted upon after three years from

of Stockhold ers. Every person holding stock as executor, administrator, purelim or trustee, or in any other representation of the stock of the corporation, and may note thereous as stockholder, and every person who shall piedge his stock as collared security may nevertheless represent the sunce at all such meetings, and may vote thereon as a stockholder, undes in the trusteer to the piedge on the books of the corporation, he shall have expressly empowered the piedge to vote thereon, in which case only the pledge or his proxy may represent said stock or vote thereon, in

Shares of stock of this corporation, belonging to this corporation, shall not be voted upon directly or

iudirectly.

8. A majority of the amount of stock issued and outstanding represented by the holder in person or by proxy, shall be requisite at any meeting to constitute a quorum for the election of Directors. For the transaction of other business, 25 per cent. of the said stock shall be sufficient, but in the absence of a quorum a lesser number shall have the right to ad

journ a meeting to a fixed date thereafter or otherwise.

9. The annual meeting of the atockholders shall be "green held on the second Monday of May in each year, at mean at the principal office of the Company at Camden, N. J., at 2 M., when they shall elect, by a plurally vote, by ballot, the aforested Directors to serve for one year, and suntil their successors are elected or chosen and suntil their successors are elected or chosen and qualified, each stockholder being entitled to one vote mission in person or by proxy for each sinter of stock standing in his or her same on the books of the Company on the twentieth day preceding the electron, exclusive of the twentieth day preceding the electron, exclusive of two, each stockholder shall be entitled to cumulate his works upon not or nown Directors.

The holders of preferred and common stock shall of stock. have equal power of voting.

No share or shares of stock shall be voted ou at any election which shall have been transferred on the books of the Company within twenty days next preceding such election.

The polls at every such election shall be opened between the liours of uine o'clock in the morning and
five o'clock in the afteruoon, and shall continue open
at least one hour by daylight.

Notice of the annual meeting shall be mailed to each state of sostockholder at his address as the same appears upon the records of the Company at least ten days prior to

10. Such election shall be conducted by two inspections appointed by the presiding officer of the meeting, which inspector shall be sworn, and shall in writing certify to the returns, but no person who is a candidate for the office of Director shall act as inspector, judge or clerk of such election.

11. The inspectors or the stockholders by a majority vote of those present, may require any proxy to be permanently filed with the Secretary before being voted upon.

List of voting

12. A full and complete list of the stockholders of the Company estilled to vote at the ensuing selection, arranged in alphabetical order, with the number of shares letel by each, shall be prepared by the Secretary, and filed at least ten days before each election in the principal office of the Company in New Jersey, and shall at all tittes during the usual lour for business in said period be open to the inspection of my stock-

rofetosise 13. The Board of Directors shall close the transfer books for tweaty days preceding the annual elections, and ten days before the payment of any dividend.

14. Annually within thirty days after every election of Directions of the Congany, a complete lift of the names of such Directions and officers, with the dates of their election or appointment, the term of office, and the residence and post office address of each, the location by street and number of the principal office. In New Jensey, the character of the Company's business, and the name of the agent in charge theroof, upon whom process may be served, duly authenticated by the signatures of the Presidient and Secretary, shall be made and fitted in the office of the Secretary of State of New Jersey.

15. Special meetings of the gackholders, to be held at the Company's principal office of Condens, shall be called by the Secretary, by mailing a notice setting the object of, and business to be remarked at, such special meeting, at least ten days prior to the date of such meeting to each stockholders of record at his pest office address as the same appears on the records of the Company on creptent of the Precident, or on the request in writing, or by two of a majority of the Board of Directors, or one demand in writing by stockholders of record owning a majority in amount of the entire capital stock of the Company.

16. At all meetings of the stockholders the follow. Order of business shall be substantially observed, meetings as far as consistent with the purposes of the meeting, viz:

Roll call.

(A quorum being present)—

Reading of minutes of preceding meeting, and action thereon.

Report of President. Report of Treasurer. Report of Secretary. Report of Committees.

Election of Directors. Unfinished business. New business.

Officers.

Directors' Meetings.

18. Regular meetings of the Directors shall be held Directors regulation totice on the second Monday of May in each water the office of the Company in Camdea, N. J., or by order of the Board of Directors elsewhere, on a day and at an lour to be fixed by the Board.

 Special meetings of the Directors may be called Directors apetal meetings.
 by the President on two days' notice to each Director;

special meetings shall be called in like manner on the written request of three members of the Board.

20. The Directors may hold their meetings and have an office and keep the books of the Company (except the stock and transfer books) outside of the State of New Jersey, at the City of Philadelphia, or such other place or places as they may fix upon

Powers of the Directors

21. The Board of Directors shall have management of the business of the Company, and in addition to the powers and authorities by these By-Laws expressly conferred upon them, may exercise all such powers and do all such acts and things as may be exercised or done by the corporation, but subject, nevertheless, to the provisions of the statute, of these By-Laws, and to any regulations from time to time made by the stockholders, provided that no regulations so made shall invalidate any prior act of the Directors, which would have been valid if such regulation had not been made

22. Without prejudice to the general powers conferred by the last preceding clause, and the other powers conferred by these By-Laws, and subject to the provision of clauses 4 and 9 of the charter, it is bereby expressly declared that the Board of Directors shall bave the following powers, that is to say :

To purchase or otherwise acquire for the Company any property, rights or privileges which the Company is authorized to acquire, at such prices and on such terms and coaditions, and for such consideration as they think fit.

At their discretion to pay for any property or rights acquired by the Company, either wholly or partially, is money or in stock, bonds, debeutures or other securities of the Company,

To appoint, and at their discretion remove or suspend such clerks, agents, and servants, permanently or temporarily, as they may from time to time think fit,

and to determine their duties, and fix, and from time to time change, their salaries or emoluments, and to require security in such instances and in such amounts as they think fit.

To confer by resolution upon any officer of the Company the right to choose, remove or suspend such subordinate officers, ageuts or factors.

To appoint any person or persons, to accept and To appoint persons to including hold in trust for the Company any property belonging to the Company, or in which it is interested, or for any other purpose, and to execute and do all such duties and things that may be requisite in relation to

To determine who shall be authorized to sign on the squature of note, drafts Company's behalf bills, notes, receipts, acceptances, di endorsements, checks, releases, contracts, and documents.

ments.

From time to time to provide for the management from time to the Company at home and abroad is of Company, such manager as they think fit, and in particular, from time to time, to delegate any of the powers of the Board of Directors to any committee, officer or agent, and appoint any persons to be the agents of the Company with such powers (including the power to sub-delegate) and upon such terms as may be thought fit.

Compensation of Directors

23. Directors, as such, shall not receive any stated Directors exsalary for their services, but by resolution of the Board may be allowed all necessary expenses connected with attendance at each regular or special meeting of the Board, or may receive a fee for attendance if Board so

Members of either special or standing committees may be allowed like compensation for attending committee meetings.

Additional compensation may be made to Directors for special services rendered as managers or otherwise

Standing Committees.

24. The Board of Directors may by resolution passed by a majority of the whole Board, designate five of their number to constitute an Executive Committee, which committee shall for the time being, to the extent provided in said resolution, or in the By-Laws of said Company, have and exercise all the powers of the Board of Directors in the management of the business and affairs of the Company, and have power to authorize the seal of the Company to be affixed to all papers which may require it.

The President and First Vice-President and the Treasurer, if a director and stockholder, shall be members of such committee.

Such committee, when designated, shall advise with, aud aid the officers in all matters concerning its interest and the management of its business, and generally perform such duties, and exercise such powers as may be directed or delegated by the Board of Directors from time to time, and they shall have authority to exercise all the powers of the Board at any time a quorum may fail to attend any regular or special meeting thereof.

Power is given to the Executive Committee to act by the written consent of a quorum thereof, although not formally convened.

The standing committees shall keep regular minutes of their transactions, and cause them to be recorded in a book kept in the office of the Company for that purpose, and report the same to the Board of Directors at their regular meeting.

Committees

The Board of Directors shall appoint such other standing or special committees as may be deemed necessary from time to time.

Any member of such Executive Committee may be removed during his term of office upon the vote of six Directors

Order of Business at the Directors' Meetings.

25. The order of business at the meetings of the Order of business at Dir Board shall be as follows :

 A quorum being present, the President shall call the Board to order. 2. The minutes of the last meeting shall be read and considered as approved, if there be no amend-

- 3. Reports of officers of the Company.
- 4. Reports of Committees.
- 5. Unfinished business.
- 6. Miscellaneous business. 7. New business.

26. The President shall be the chief executive officer Duties of the President. and head of the Company, and, in the recess of the Board of Directors and of the Executive Committee. shall have the general control and management of its husiness and affairs, subject, however, to the right of the Directors to delegate any specific powers, except such as may be by the statute exclusively conferred upon the President.

He shall preside at all meetings of the Board of Directors. He shall make annual reports, showing the condition of the affairs of the Company, and making such recommendations as he thinks proper, and submit the same to the Board of Directors at the meeting next preceding the annual meeting of the stockholders; and he shall from time to time bring before the Board of Directors and Executive Committee such information as may be required concerning the business and property of the Company.

The President shall be, ex officio, a member of all standing committees of the Board, and shall be the custodiau of the corporate seal.

First Vice President

27. The Vice-President shall be vested with all the Dutter of the Vice-President. powers, and required to perform all the duties, of the President in his absence.

29. The Secretary shall be, ex officio, Secretary of the Board of Directors and of the stauding committees; he shall attend all sessions of the Board, and act as clerk thereof, and shall record all votes and the minutes of all proceedings in a book to be kept for that purpose.

He shall perform like duties for the standing com mittees when required.

He shall give notice of all calls for instalments to be paid by stockholders, and shall see that proper notice is given of all meetings of stockholders of the Company and of the Board of Directors.

He shall be sworu to the faithful discharge of his duty, and shall perform such duties as may be required by the Board of Directors or the President.

30. The Treasurer shall keep full and accurate accounts of receipts and disbursements in books belonging to the Company, and shall deposit all moneys and other valuable effects in the name, and to the credit of the Company in such depositories as may be designnated by the Board of Directors.

He shall dishurse the funds of the Company as may be ordered by the Board, taking proper vouchers for such disbursements, and shall render to the President and Directors at the regular meetings of the Board, or whenever they may require it, an account of all his transactions as Treasurer, and of the financial condition of the Company, and at the annual meeting of the Board, in May annually, a like report for the pre-

ceding year.

He shall give the Company a bond in the sum of ten thousand dollars (\$10,000) with one or more sureties satisfactory to the Board, for the faithful performance of the duties of his office, and the restoration to the Company in case of his death, resignation or re43

moval from office, of all books, papers, vouchers, money, or other property of whatever kind in his possession belonging to the corporation.

Salaries of Officers.

31. The officers of the Company shall receive such Salaries. salaries as may be determined by the Board of Directors from time to time.

Duties of Officers May Be Delegated,

32. In case of the absence of an officer of the Company, or for any other reason that may seem sufficient others. to the Board, the Board of Directors may delegate his powers and duties to any other officer, or to any Director, for the time being,

Certificate of Stock.

33. All certificates of stock shall be signed by the stock certifi-President or Vice-President and by the Treasurer, and shall have affixed thereto the corporate scal; and no certificate shall be valid until countersigned by such registrar as the Board of Directors shall select.

Transfers of Stock.

34. Shares of stock of the Company shall be trans- Sleek tra ferable only on the books of the Company by the holder thereof in person, or by his or her attorney duly authorized thereto in writing, and upon the surreader and cancellation of the certificate therefor duly endorsed. The Company shall have the right to require the endorsement of the holder, to be approved or acknowledged in the same manuer as required by the statutes of New Jersey for deeds of real estate.

Whenever any transfer shall be made for collateral security, and not absolutely, the fact shall be expressed

in the entry of said transfer.

In case of a loss or destruction of a certificate, Lost certificantly another may be issued in its place upon proof of such cates. loss or destruction and the giving of a satisfactory bond of indemnity.

Camerillag cer. 35. Certificates of stock surrendered shall be cancelled by the transfer agent or registrar as selected by the Board of Directors.

36. The fiscal year of the Company shall begin on the 1st day of April and terminate on the 31st day of March in each year.

37. Dividends upon the preferred stock, which dividends shall be cumulative at eight per cent. per annum, shall, when earned, be payable quarterly on the first days of February, May, August and November in each year.

Dividends upon the common stock of the Company, when earned, shall be payable semi-aunually on the fifteenth day of May and November of each year, and dividends on the common stock may be declared at such other times and in such amounts as the Board of Directors may from time to time determine.

Before payment of any dividends or making distribution of profits, there shall be set aside out of the net profits of the Company such sum or sums as the Directors from time to time in their absolute discretion think proper as a reserve fund to meet contingences. or for equalizing dividends, or for repairing and maintaining any property of the Company, or for such other purposes as the Directors shall think conducive to the interests of the Company.

Directors' Annual Statement

Amenal state 38. The Board of Directors shall present at each annual meeting, and when called for by the stockholders, at any special meeting of the stockholders, a full and clear statement of the business and condition of the Company.

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Contracts and Agreements.

 Unless the Board shall otherwise from time to Power: contract time order to the contrary, all contracts shall be signed agrees by the President or Vice President.

Except as hereinbefore provided, no officer or agent of the Company, shall, either singly or together, have any power to make any contract, or to incur any debt or liability on behalf of the Company, or to advance, loan, or borrow any money for or on account of the Company, or to pledge its credit, or sign its name to any note, draft, contract or agreement whatsoever, or to represent or bind the Company in any transaction whatsoever, unless thereto authorized by a vote of the Board of Directors.

Checks for Money.

40. All checks, drafts, or orders for the payment of Checks. How money shall be signed by the Treasurer, or in the event of his sickness, absence, or incapacity to act, by such persons as may be designated by the Board of Directors or Executive Committee.

Books and Accounts.

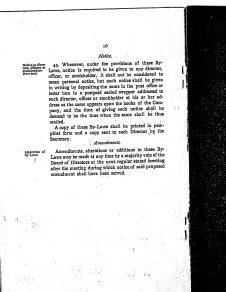
41. The books, accounts, and records of the Company shall be open to the inspection of any member counts.

of the Board of Directors at any time during the usual hours for business.

The book or books in which the transfer of the stock shall be registered, and the books containing the names of the stockholders shall at all times, during the usual hours for business, be open to the examination of every stockholder at the Company's office in Camden, New Jersey.

Waiver of Notice.

42. Any stockholder, officer, or director may waive Notices. Walvered. any notice required to be given under these By-Laws.



lav of

A. D. 1899, by and between THOMAS A. EDISON, hereinafter called the party of the first part, and THE EDISON PORTLAND CHARACT COMPANY, a corporation duly organized under the laws of the State of New Jersey, hereinafter called the party of the second part;

WHEREAS in and by an agreement made and entered into on the fifteenth day of April, 1899, between the said Thomas A Edison and the incorprators of the said The Edison Portland Cement Company and others, it was agreed, among other things, that said Company should be formed with a capital stock of Eleven Million Dollars, of which Nine Million Dollars (of the par value of Fifty Dollars each) was to be common stock, which shares of common stock were to be assigned unto the said Thomas A. Edison in consideration of the performance by him of certain oovenants contained in said agreement:

AND WHEREAS it was provided in and by the seventh section of said experient, that when said corpor ation was formed said writing should terminate, but its unfulfilled provisions should be incorporated in a new agreement to be made between said Thomas A. Edison and said Company; and it is the purpose and intent of this present agreement to provide for the performance both on the part of the said Thomas A. Edison and upon the part of the said corporation of all such agreements and covenants contained in said agreement as have not been already fulfilled and performed;

AND WHEREAS the test and the estimates of cost provided for in and by the eighth section of said agroement have been made to the satisfaction of all parties in interest;

AND WHEREAS the said corporation has been duly chartered under the laws of the State of New Jersey;

NOW THIS AGREEMENT WITHERSETH that the said party of the first part for and in consideration as well of the sum of One Dollar to him in hand well and truly paid by the party of the

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second part, the receipt whoreof is hereby acknowledged, as in consideration of the performance of the agreements and covenants which on the part of the said party of the second part are to be kept and performed, doth hereby covenant and agree with the said party of the second part to assign, trensfer and set over unto the said party of the second part the exclusive rights under his, the said Thomas A. Edison's, patents downing the second in the second part when the second part the exclusive rights under his, the said Thomas A. Edison's, patents downing the second part when the second part the secon

clusive rights under his, the said Thomas A. Edison's, patents dovering the said of his machinery for the manufacture of coment only, in the United States and Canada, and also to furnish said party of the second part with all designs of said machinery, except construction drawings, and also to give unto the said party of the second part the benefit of his knowledge and experience in establishing a continuous system from the quarrying of the material to the finished product.

And the said party of the first part further agrees that the said Company shall have the exclusive rights to future improvements, inventions and the results of his thought and study perturbing to the coment business, during the life of said parts and any extension of extensions thereof, and any improvement thereon, without any cost or charge to the said Company, except as hereinsfer provided. It is further understood and agreed that during that time the said party of the first part shall have the managing control of the technique of the construction and manufacturing part of said business, and he hereby covenants and agrees to give unto the said Company the benefit of his said services; it being further understood and agreed that he is to have and receive no salary therefor.

. . It is further understood and agreed that during the life time of said Thomas A. Edison, the said Company shall

use no machinery for the manufacture of cement other than that for which said Thomas A. Edison has partners, except by and fit the consent of said Thomas A. Edison first had and obtained, related to the consent of th

tion of the premises and of the sum of One Dollar to it well and truly paid by the said party of the first part, the receipt whereof is hereby acknowledged, doth hereby agree to assign, transfer and set over unto him, the said party of the first part, 179,955 chares of the common capital stock of said Company: unto Harlan Page 5 shares; unto William H. Shelmerdine 5 shares; unto E. Clarence Miller 5 shares; unto Luther S. Bent 5 shares; unto Walter S. Mallory 5 shares; unto William S. Pilling 5 shares; unto Theron I. Orane 5 shares of the common stock of said Company, the same being full paid and non-assessable, of which 40 shares thereof are to be issued to the said parties above named as and for the shares of stock subscribed for by them as appears in the certificate of incorporation of said Company.

And the said party of the second part further agrees that the said party of the first part shall have and receive as compensation for his services as aforesaid, one half of the difference between sixty cents for every four hundred pounds of coment, and the actual cost of manufacturing the state for the production of said quantity, provided, however, that the company receives an average of one dollar or more for said four hundred pounds. If the said Company should sell said quantity at an average of ninety cents up to one dollar per barrel then the maximum amount for basis of calculation shall be fifty four cents instead of sixty cents; should said Company sell said

quantity at an average of from eighty cents to ninety cents per barrel, then the said maximum amount shall be forty eight cents; should said Company sell said quantity for a price at an average of from seventy cents to eighty cents, then the said maximum amount shall be forty two cents; should said Company sell said quantity at an average of from sixty cents to seventy cents, then the said maximum amount shall be thirty six cents. In arriving at the actual amount to be paid, the said Thomas A. Edison as aforesaid, there shall be added to the said actual cos of manufacturing two cents per four hundred pounds towards selling expenses; the meaning thereof Meing that if the price of cement is reduced in open market the aforesaid compensation of the said Thomas A. Edison shall also be reduced on the basis above set forth and so that a reasonable profit may always be made by the Company in conducting its business. Should the selling price of such product be less than 60 cents per barrel, said Edison's royalty shall be reduced pro rata, and in event of the death of said Edison, his heirs, executors, administrators and assigns shall during the life of said patents, or any extension or extensions thereof, receive fifty per cent of the amount that would be due the said Edison if he were alive when said royalty accrued. It is understood that 400 pounds and one barrel are synonomous terms. X

And it is further understood and agreed that payment of said royalty on each month's shipments shall be made within 60 days after the close of said month.

And it is further understood and agreed that if the said Company shall grant any rights to other persons, firms, companies, or corporations, the said party of the first part shall receive the same amount of royalty for 400 pounds as is agreed to be paid to him by the said party of the second part for such cement as the said party of the second part shall menufacture.

And the said party of the second part further agrees that it will offer for sale one million dollars worth of the preferred stock of said Company at par, and that a plant shall be erected and constructed from the money realized from the sale of said stock with a capacity of 4,000 barrels per day; and that when said plant shall produce a net income over all manufacturing expenses of Twenty-five per cent on said one million dollars of preferred stock, then a second plant shall be constructed. That the second million dollars of preferred stock shall be sold for the purpose of raising funds to build additional plants, until the out-put reaches 20,000 barrels per day from plants designed by said Thomas A. Edison and equipped with his machinery, but that the net income of each 4,000 barrel plant per day as erected must pay at least twenty-five per cent over all manufacturing expenses on one million dollars before the said Company shall proceed with another plant, it being understood that for cement manufactured and produced from said Edison's patented machinery the said Thomas A. Edison shall continue to receive the same royalty for cement manufactured and produced in excess of twenty thousand barrels per day. It is further understood and agreed that if the said

Thomas A. Rdison shall die before the first of said plants shall be in successful operation, then and in such case, if it be found that cement cannot be manufactured at a fair and reasonable profit, the said Company shall have the right of introducing and using mechinary other than that on which the said Thomas A. Rdison has patents; it being understood, however, that so long as any of the said Rdison's machinery is used, the royalty to be paid to his heirs, executors, administrators and assigns shall be due and payable the same as if no other machinery had been used.

It is further understood and agreed that the said party of the first part shall retain for his own absolute use \$4,948,250 of said common stock, and that he shall assign unto the said party of the second part Three Million Dollars of the said common stock of said Company, which the said party of the second part hereby agrees to assign and transfer to the subscribers for the first One Million Dollars worth of said preferred stock, in the proportion of three shares of said common stock for one share of the preferred stock so subscribed, whon the said subscribers shall have paid fifty per cent of the par value of the said preferred stock.

And the said party of the first part further agrees to assign, transfer and set over unto the said party of the second part three hundred thousand dollars worth of the said common stock of the said Company, which said stock shall remein in the Trequury of said Company and shall be distributed by the Board of Directors of said Company as said Board in its discretion may see fit; and that he will assign and transfer unto said Harlan Page \$750,000 worth of said common stock as a commission for services rendered, it being understood, however, that the said Company is in no way responsible for the performance of such agreement as to the payment to Mr. Page.

And the said party of the first part further agrees that he will defend the said Company, its successors or assigns egainst any and all suits or actions arising from any alleged infringement of said patonts; provided that the said party of the second part will bear one-third of the expenses of any litigation with reference to said patents infecting the said Company.

And the said party of the second part agrees to bear one-third of the expenses of any litigation as aforesaid affecting the said Company; it being understood and agreed, however, that should the said party of the first part decline or refuse to defend any and all actions as aforesaid, then the said party of the second part may do so and charge said party of the first part with two-thirds of the expenses thereof, and retain said amount out of the royalty due or to become due to said party of the first part. It is further understood and agreed that the party of the second part shall not contest the validity of any of said patterns.

IN WITNESS WHEREOF the said party of the first part has hereunto set his hand and seal, and the party of the second part has caused this agreement to be signed by its President and Secretary, and its common or corporate seal to be attached pursuant to a resolution passed by the incorporators and stockholders of said Company at a meeting held at Camden in the State of New Jorsey on the 8th day of June, A.D. 1899.

Sealed and Delivered in the presence of The Edison Portland Cement Co.

Girard Trust Building

Philadelphia

вору

Mr. Thomas A. Edison.

G. M.-Orange, N. J

Dear sir:

At a meeting of the Board of Directors of this Company, held on January 16th. 1902, the attention of the Board was called to certain paragraphs in the contract between the Company and yourself, dated June 9th. 1899, which it is thought did not clearly express the intention of the contracting parties, and enclosing an additional agreement signed by you covering the features in question. This agreement was read at the meeting, but after some discussion, it was thought best to set forth in a Resolution the interpretation. of the Directors as to the points contained in the original contract in question, the said Resolution to take the place of the agreement submitted by you.

The Resolution was as follows:

"REMOIVED. That in the contract between Thomas A. Edison, and the Edison Fortland Coment Company, dated June Wil. 1899, on page 4 and 5, beginning with the last, we lines on page 4, which positive what shall be included in the cost of making cament, on which cost is beset the royalty of Thomas A. Edison, the under the royalty of Thomas A. Edison, the under and all material under the cost of the cost

used in menufacturing, as well as the other items of cost specified in the contracts.

It is further RESOLVED that the clause on page 5, beginning with the fourth line and relating to the periods or time when the second of royalty due Thomas A. Edison shall be determined upon, is interproted to mean that the royalty is to be determined upon, it has results of the first year's operation and thereafter in eyery year results of the first year's operation and thereafter in eyery year the royalty shall be determined and payments used quarterly shall be determined and payments used quarterly start year of the sound of the same o

-To T. A. R. 2-

We are sending this letter in duplicate, and if the Resolution meets with your approval, will you kindly endorse on one copy your assent to the foregoing interpretation, as stated, and return the copy to this office.

Yours very truly.

t. V. Crans

WW. H. BRILDEROVE PRESERY W. S. MALLORY 1908-PRINT W. S. PALING TREADELS THERDY I. CRANE

The Edison Portland Cement Co.

Girard Trust Building

Philadelphia April 1, 1903

The annual meeting of the Stockholders of the Edison Portland Cement Company, will be held on the 14th day of April, 1903, at 13 o'clock, noon at the principal office of the Company, No. 419 Market Street, Canden, New Jersey, for the purpose of electing a Board of Directors and receiving and acting upon the reports of the officers, and for the purpose of voting for or against the following resolution, and for the transaction of such other business as may properly come before the meeting.

Yours truly,

THERON I. CRANE, Secretary,

RESOLUTION.

WHERAS, It is necessary that additional capital shall be provided, to be used for coporate purposes of this Corporation in the exercise of the powers in that behalf possessed by it, and that the same shall be procured by a nissue of bonds of the said Corporation secured by a mortgage to a Trustee, upon all of the property, rights, privileges and franchises now owned or hereafter to be acquired by the said Corporation, in such amount, not exceeding in the aggregate the sum of $g_{1/2}$ 00,000, as in the opinion of the Board of Directors may be for the best interests of the said Corporation:

RESOLVED, That the Board of Directors of this Corporation be and they herely are authorized and directed to cause to be executed and issued, bonds of this Corporation in such form and amount as in the judgment of the Board of Directors may be for the best interests of this Corporation, not to exceed in the aggregate the sum of \$1,500.000, and to cause to be executed and delivered to a Trustee, a morage of the said Corporation, in a amount equal to the amount of bonds that may be so issued, not to exceed in the aggregate the sum of \$1,500.000, to secure the symant of the principal and interest of the said bonds, so issued; which said morrages shall be upon all of the property, rights, privileges and franchises of the said Corporation now owned or hereafter to be acquired by it.

If you do not expect to be present at the meeting please sign the enclosed proxy, duly witnessed, and return in enclosed stamped envelope. If you are present the proxy will not be used.

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Janko Pontland	mentrolock	solders of the	· Colward
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Os originally contemptated the wiff was to be laid out for an authenate capacity of ten thousand Garrels per Day but that only aportion cefthe pauce to about one willian dollars was to 62 Before the affair had gone very tar I lound that a very great saving In hitel Edpital Could 62 effected of building certain portions to ten Mousand barrels Gelleif that the one william preferred thou in the treasury could be oold 9 # 6 bull larges proportion of the will to full Capaciti If we Take into consideration the present price of materials, The fact that the steep co who built the buildings lost mency on the centrail

Cost fifty percent less than the price of the lowert bidder, that all the uternal Evection was done by ourselves with the quest advantage of a large machine shop nighten the ground, that here was no sum allowed for risk and for profet which an outside Contractor must add, to working the objections That if we were to you erre and dintract the whole subtracting loss due to delay af the steel cardractor that the plant / cannot 62 duplicated today for the money expended Every dollar represents actual property - That par Therefore which has been expen Coment lands has increased - cohich has been expended unning has proved es the oole

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There Were great delays in The construction mostly due to the farfine of the steel Contractor. to deliver the contract, to deliver the clack within the agreed time, all afthe steel Share dhave Good delevered by but it was not until ____ (hat The Contractor had finished, in the meantime work worde buildings which required to a long time to finish could not be finished when the Guilding was not eviseled - we had to want

The construction work had been so nearly completed that we started adjusting The machining. in this there is the inevitable delay which is the lot of Enqueror wild make unovations and which is always such a source of unitation and misunderstanding on the part of the slockholder The Machinery introduced in viscent years has revolutioned the rordinary info

The chardath or type of wardine has entirely champed, it has been Called Modern welhards date machinery ste, It is automatic in character, very powerful, of great appropria Capacity and very highly organized oreguning a objettly higher orde

Enqueer not only has great

difficulty in adjusting it to the work to be done but must leach the operations a new trade Substituting for instance a highly organiza) machine worked by one man to do work done by farty men and farty cokeellarrows, is not easy- It requires a lot of testing at full capacity to adjust this or that to make changes here and there, and morevor it requires

time, the time has not yet coursed when men can walve there Things peoplet the f we can produce men so highly Endowed that only they Can plan an make, + put in operation machinery afthe Character + have it work the first time willow a hitch Especially when The machine the material upon which works have never had a change to come together. There is bound

delay- It is so even in a a ample thing as a quanty concert hact one of the largest works the ore is picked up by hand - Coaded into Couts or drawn to the wice To Open a grany for carts 10 early carts are reliable of two or more bleak down it closed not waterally effect the output, But suppose we futrodue the so cheed modern wethod that means powerful steam shouls Locomature tracks + cars, thenly men take the place of 40 Carts + 200 men fand oblam Resame product, but how about reliability to abtain that and the Genefits of the saving in labor you must get your grany of use rig provide for all contingencis a this is not easy, it requires time when accompleshed the results ar

If the great Zine you probably all Know of the langest most Zuc Combination They sicquested ogo to december cham The to color is about on secret Day lice a of the come rock The Millions designed of excepted, They had to go Through the period of religioning or tenching their whom. This haguired so long a time that it was very discoveringing to them can I myself necessary (the would kindnet of criticism which ace immorating Engineer success, however they got the wide adjusted to the Condition the wand and for the local two years that he Gran Crushing about 20000 tons, month. The Capronty of the blood is in Excess of what was columbered, and the Costs parting or anothing which where Recorded to near 50 care co now I am inform) by the to less than 20 Courts,

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Taking for instance the machine for had and and war warment way of ascertained to capacity. It was expected that we could great to imprepelate flour 150 bornels plentour WE actually did in 250 m 53 minutes worthat is 250 bornels This one machine does the work of Eleven griffin Wills now generally used in Count works to a four works were at full - Capacity we should have four such The wear per barrel is infinitely less than with the great in Will, on these the wear on the Construng points is execusive and they are constante breaking down - but as I thusbrated before by the Carts in the gr

If they have twelve machines in place of my large one they can have one or two bout of order all the time, without waternely reducing their Capacity, but if the the single machine knocks there was empored or was outstilled the any and that bucks down there would be no output - or to use another Mustralian When The Frally power house break down

all the cars in the town slap that was not true when we had 100 horses in place of one power house, all that is necessar to do maintain the codvailfage gamed is to make your power house reliable, 9 can remember when & built the first street Me Richmon Street Rouling Engineered by Ker

Opraque the first permuercial sheet Receiving in the United states, and also many other roads subsequently. that it was a long time before we got the power house reliable, and that there was a great deal of what is known in slring as the oweating afblood that was gone through by myself and assistants = lost alsom morey in Caying to

We also had a great many to slockhalders who couldn't understand why it delut work right aff - WE opened a lot of money to prove we were right, and we did prove it is you selknow our money, but I have yet to learn where the olockhalders lost any, I have vidden over roads that we built, that had passed through No many consoldations that the Gender stock celificates issued were almost Enough to wrap up to rail

dall paid their interest, However to return to our conent works, This granding machine that y was openking of works with but it don't work with the

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a brang gets hot, or the oil one pipes kneak from The principle Concussions, balto get looke, oil pipes plug up chutes got blocked, + worst of all balls . nuts ruits wounders and Every conscionals laying aro will + bring the remement & left by the original construction going separa when somehow get with the org a try to pass through the in aching These thungs would do no Idamiage in will, but with sop commence it would be a parious watter were it nut for the fact that cohich prevents the balt forth as the Warching loss of time

powerful magnet of this draws the botto mulo Eli out of the ore as it passes on to way to the granding machine, - 9use the above to Illustrate the trapples Caused by small things of which the belove is but a shirel part, The Blowns which is one of the most repensive part of our plant, Early do fifty percent more than it was I houghthan would do they are The Kilms were the doubtful point in the whole scheme to my mind and I look a very great rick in putting Them

area wide departure from those unwowsally used, - When the original plan ufchamile was (started 9 intended using the regular Kilor stated to investigate them, 9 som forms that the prespect per kill was about Quall & the Coal consumption compos to other weluting cal processo enormous de that the waste of fuel would be a serious drag on the Cament undustr

I determed to construct a new Kilm take advantage of the latest Known The science of Combustion, the man ide bring to reduce the fuel consumption but not negle sting the output Two Kilns we constructed - put in The output of the Reques type of Kill is about 8 barrels perhow and the free Kulmo up to the time up che fine 32000 666 of Coment the or the fuel consumption less than 75 pounds

22 per bol. This would be a saving wh ton of coal per annum, when the present high phic is for come it present

After on consplant is ready we shold go into regular Operation, again a probably luin out 13 to 1400 boto priday from the Kilds to double This corporaty will in one more Kilns and one continues roll the toureds to their fuce deprecity, that a fenancial question for his exampled the money ruse by the I will formal The Witch any where

[ATTACHMENT]

The Edison Portland Cement Co.

619 Girard Trust Building

Philadelphia

At the recent annual meeting of the stockholders of the Edison Portland Cement COMPANY, Mr. Thomas A. Edison, who has charge of the construction of the plant, presented a report, which on motion, was accepted and ordered to be printed. It was further resolved that a copy should be mailed to each stockholder of record. The report is as follows:

TO THE STOCKHOLDERS OF THE EDISON PORTLAND CEMENT COMPANY:

On account of the many misunderstandings among the stockholders of our Company regarding the character of the works, the delays in getting them in operation, and the implied doubts as to the ultimate successful operation of the innovations in the manufacture of cement which I have introduced into the mill, I have been requested to make a few explanations.

The plant was designed entirely by myself, and it was erected just as I wanted it erected; if there has been any error made or mistake of judgment about technical matters, I alone am

accountable for the same, but, gentlemen, I assert there has been no mistake.

As originally contemplated, the mill was to be laid out for an ultimate capacity of four thousand barrels per day. Before the work had gone very far, I found that a great saving, I might say an enormous saving in fixed capital could be effected by building certain portions to a capacity of ten thousand barrels, and ultimately the whole to that capacity. Relying upon the belief that all of the remaining preferred stock in the treasury could be sold instead of half, I built a large proportion of the mill to a capacity of ten thousand barrels per day.

If we take into consideration the present price of materials, the fact that the Steel Company who built the buildings lost money on the contract, that most of the machinery was constructed in our own shop, that the excavation and, masonry done with our own steam shovels and men cost 50 per cent. less than the price of the lowest bidder; that all the internal erection was done by ourselves with the great advantage of a large machine shop right on the ground, that there was no sum allowed for risk and for profit, which an outside contractor must add; it warrants me in making the statement that, if we were now to erect another mill and contract the whole in the usual manner, subtracting our loss due to delay in receiving steel and other delays, the plant could not be duplicated to-day for the money expended. Every dollar represents actual property,

The part which has been expended in cement lands has increased in value, and for that which has been expended in experiments upon the machinery, the results of actual running has

proved their value, and this Company has the sole right for cement.

There were great delays in the construction, mostly due to the delays in receiving our steel. The first steel own received jume, poor, but it was not until May, 1993, that the Constructor had finished. Is the meantime, work inside building was completed until the building was received, and we had been completed before we could seljust the machinery throughout the left plant, which was not possible until January 181, 1993. These adjustments produce the inevitable skelly which is the lot of the capitacter who make innovations, and which is always such a source of irration and misunderstanding on the part of the stockholders.

The machinery increduced in recent years has revolutionized nearly all ordinary manufacturing processes in vogue for stong a period, the character or type of machinery has entirely changed; it has been called "mondemental and methods," "up-to-duck machinery," fact, etc. It is automated in character, very powerful, of the properties of

The time has not yet arrived when we can produce men so highly endowed that they can plan, make and put in operation machinery of this character and have it work the first time without a hitch; capically when the machine and material upon which it works has never had a chance to come together, there is bound to be delay.

to come togetner, tarer is nouns to be desay.

It is so oven in a simple thing like a cement quarry. In some cement works, in fact one of the largest works, the rock is picked up by hand, leaded into carts and drawn to the mill. To open a quarry for carts is easy.

Carts are reliable, if two or more break down it does not materially affect the output, but suppose we introduce the so-called modern method, that means powerful steam shovels, locomotives, tracks and cars. Thirty men take the place of forty carts and two hundred men, and we obtain the same product, but how about reliability?

To obtain that, and the benefits of the saving of labor you must get your quarry, tracks, etc. just right, provide for all contingencies, and that is not easy; it requires time, but when accomplished, the results are surprising.

You probably all know of the great Zinc Mine in Northern New Jersey, the largest and most valuable of its kind in the World, and now owned by the Zinc combination. They requested the crude rock crushing plant, which is almost an exact duplicate of the crude rock crushing plant at our works.

The Mill was designed and erected and they had to go through the period of adjusting and teaching their mills required so long a time that it was very discouraging to them, and I, myself, received the usual amount of critician, which all innovating renetwee receiver poweer, and Mill was adjusted to the conditions of the ore, and the men, and for the last two years they have been crushing about fifteen to twenty thousand tons per month.

The capacity of that plant is far in excess of what was estimated, and the cost per ton for twenty-five cost in the cost per ton for twenty-five cost was calculated would reach fifty cents per ton, is now, I am informed, less than

It is certain that neither now, nor at any future time, can engineers predict the completion and smooth running of any plant of this character.

It is only with plants which are duplicates of those already generally used wherein there is no innovation, or attempt to introduce modern methods, can predictions as to time of completion and proper running be made, such for instance, as the regular cement plant.

They are all alike, one has no advantage over the other in a falling market.

As we had the whole of our plant in operation just before the coal fire which closed us
down, we had some opportunity to see how the actual capacity of the several units of machinery
compared with the calculated canacity.

Taking for instance, the machine for grinding the cement rock to flour, we had a convenient way of ascertaining its capacity. It was expected that we could grind to impalpable flour 150 barrels per hour one machine.

This one machine does the work of eleven Griffin Mils now generally used in cement works.

If our works were at the full capacity of ten thousand barrels, we should have four such

The wear and tear per barrel is infinitely less than with Griffin Mills, on these the wear on the crushling parts is accessive, and they are constantly breaking down, but as I illustrated before, by the carts in the quarry, if they bave 12 machine in place of our large one, they can have one or two out of order all the time, without materially reducing their capacity, but if the single machine were substituted, and that broke down there would be no quiett; or to use another illustration, when a trolley power house breaks down, all the cars in the town stop; that was not true when we had not hundred borses in place of one power house.

All that is necessary to maintain the advantage gained is to make your power house reliable. I can remember when I built the first street car motors and applicances for the power house of the Richmond Street Railway, engineered by Mr. Sprague; the first commercial street railway in the United States, and also many other roads subsequently, that it was a long time before we got the Power House machinery reliable, and there was a great deal of what is known as the "Sweating of blood" gone through by myself and assistants.

We also had a great many stockholders who could not understand why it did not work right off.
We spent a lot of money to entry out our contract and to prove that we were right, and we did
prove it, as you all know, and I have yet to learn that the stockholders lot any money.

I have ridden over roads we originally built, that have passed through so many consolidations, that the bonds and stock certificates issued were almost enough to cover the roadbed, and yet they all pay.

However, to return to our cement works. This Grinding machine that I was speaking of works perfectly when it does work, but it don't work right along. Some days we average the full time, some days half time, and in some instances we only get two hours out of ten.

A bearing gets hot, oil pipes break from the powerful concussions, bolts get loose, oil pipes plug up, chutes get blocked, and worst of all, bolts, nuts, rivets, wrenches and every conceivable thing laying around the mill, being the remnants left by the original construction gang and repair men, somehow get into the rock and try to pass through the machinery.

These things would do no damage to a Griffin grinding mill, but with no powerful a machine as ours it would be a serious matter, were it not for the fact that we have a device which prevents the bolt, hammer or other steel-thing from doling may harm. Unfortunately, the device that saves the machine causes us loss of time at every such recocurrence. Lately, I have rigged up a powerful magnet and this draws the bolts, must, etc., out of the rock as it passes on its way to the grinding machine.

I use the above to illustrate the trouble caused by small things of which the above is but a small

10 mm (大学)

The Blowers, which are one of the most expensive part of our plant easily do 50 per cent. more than it was thought they would do, and are perfectly reliable.

To my mind the kilns were the doubtful point in the whole scheme, and I took a very great risk in the mind the

I determined to construct a new kiln and take advantage of the latest knowledge in the science of combustion. The main idea being to reduce the fuel consumption, yet not neglecting the output.

pounds per barrel. This would be a saving when we had our full number of kills in, of 60,000 tons of coal per annum. This will be most valuable when the present high prices for cement pass away. After our coal plant is ready, we shall go into regular operation again and probably turn out, if

my troubles are over: 100 to 1400 hards per day from the two kilms.

To double this canapacity it will require two more kilms and one crushing roll. Gradually increasing the world to their full capacity of a cooo barrebe per day is a financial question; the investment so far have for the two thirs the distribution of the cooperation of the cooperation of the world to their full capacity of a cooo barrebe per day is a financial question; the investment so far have a cooperation of the cooperation of the

April 14th, 1903.

(SIGNED) THOMAS A. EDISON.

enough the earning capacity can be schooling; much report cubmitting to the mouth helders 'we - . figures :

\$942,510 43

REPORT of the Board of Directors of the Edison Portland Cement Company presented at the annual meeting held in Camden, New Jersey, April 14th, 1903.

the receipte ieve been \$1,042,452,37. The all

Your directors beg to submittable following report of the operations of the Commany to April 1st, 1903:

Since date of last report the work of development and construction has been confined. The length of time required and expenditure have been greatly in excess of all expectations, many difficulties and disappointments having hindered the progress of the work. The plant was practically completed during the early part of the present years and after various adjustments have been made, the manufacture of cement was commenced and the product was ateadily increasing, when all operations were abruptly stopped by a disastrous fire which occurred on March 2nd.49 The result of this fire, although not involving serious financial loss, was most distressing on account of the loss of life which ensued. The following is an itemized report from the Assistant Manager at the works :

"At the quarry two steam-shovel outs have been opened, "one into the limestone and the other into the cement rock. "Owing to the fire in the coal plant, work is suspended at the "quarry but can be resumed any time on short notice. During "the latter part of last summer the machinery in the Grusher "plant was ready and operations were started under the personal "directions of Mr. Edison. Running tests were made, and where "satisfactory results were not obtained such changes as seemed "necessary were made, then tests were repeated and continued "until the results desired were obtained. This policy was "pursued with the dryer, rock stock house, weigher house, chalk-"grinding and blower house #1 plants, and very many of the

"problems were worked out satisfactorily.

a chaine from the shore that additions:

"The teets and changes in the plante above mentioned cocupied the time up to about the middle of October, at which time we reached the kiln plant.

"After the first test was made on the kiln, it was "decided to change the apparatus at both ends of the kiln, these "changes taking until "the latter part of December. About "changes taking until "the latter part of December. About "annuary lat we started to run one kiln regularly, and the "latter part of lanuary the second one was started. At first "the "product was about to barrels per hour. That was increased "the product was about to barrels per hour, and at "effectione and record to the until we reached 30 barrels per hour, and at "effectione and record to the unit we reached 30 barrels per hour, and at "effectione and record to the unit we had a test under way on one of the "Pillis which indicated a larger output per hour could be obtained from each kiln. The coal consumption per barrel of cement

"is less than 75 pounds. We believe that there are still possibilities of greater output and lower coal consumption."

"possibilities of greater output and lower coal consumption."

"previous to the fire was we had clinker, tests were made on the sale of the same we had clinker, tests were made on the sale of the same of the fire we were making land to the same of the fire we were making of the fire we were making estead an entire plant.

Complete records have been kept of all the troubles

*that have caused lose of time and output, and from these

"records and our experience, we were hard at work trying to cut

out the troubles that caused greatest loss of time.

"We have made about 15,000 barrels of cement and have
"on hand clinker which will make about 15,000 barrele more.
"This clinker will be ground into cement as econ as changes are
"completed in the clinker grinding plant.

"On March 2nd between five and six o'clock P.M. we had
"a fire in our coal plant, in which a number of our men were
"killed and injured. Six were killed outright, and three,
"including our Manager, Mr. E. A. Darling, died eubeequently.
"Six other men were burned and eent either to the hospital at

"Maston on to their homes. Of these six only two remain in the hopfield, the others are either at work or will report for prize "duty, very shortly. We expect the two men in the hospital will "soon return to work.

"We have under way the rebuilding of the coal plant, roctor and the save time; we have purchased standard ball and tube a company wills for grinding coal. We are pushing the work as rapidly not of lawar possible: "We are also taking advantage of the shut-down to been continued und began throughout the entire plant which, from our been created the possible throughout the entire plant which, from our been created the problem when the cold of the co

ant was practically completed during the crear, and after various adjustments to hear

of committee compared in the been from the above report that the plant previous to the fire was practically completed, and after necessary conditions to the fire was practically completed, and after necessary conditions to the fire was practically described by this time of producing about the fire manifest per day, and your directors are astisfied that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those that the manifest and processes are more economical than those than the control of the manifest and processes are more economical than those than the control of the manifest and processes are more economical than those than the control of the manifest and processes are more economical than the control of the manifest and processes are more economical than the control of the manifest and processes are more economical than the control of the manifest and processes are more economical than the control of the manifest and processes are more economical than the control of the manifest and processes are more economical than the manifest and processes are more economical than the manife

The cost of building the plant has been more than deutily the stock security of the cost of the preferred stock security of the cost of the preferred stock security of the total cost of the preferred stock security of the total cost of the presence of the presence of the cost of the presence of the cost of the presence of the cost of the co

amount to \$454,849.51, and it is probable that unless other stockholders shall come to their assistance the directors may be compelled to carry these leans until other financial arrangements can be completed. The directors appear to interested stock-holders to join them in carrying the "Company" as all stock-holders, are no interested to a pro rate "North to their holdings in carrying the Company along until its earning capacity can be established.

The last report submitted to the stook-holders in-

Since that date the receipts have been \$1,042,452137. The disbursements for construction, interest, etc. whave been \$1,034.314.85 Balance on hand April 1st, 1963, \$6,137.52. of The itemized recapitulation is as follows will induce to the state of the s

Cost, and believe that the criterorise was

From Stockholders fitting in \$1,424,500.00

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- " Cement made ling had" dreventhead \$1,903,798.09

EXPENDITURES TECTILE and his do

For Construction 118 1088 47 1 1872 679 80

It is obvious from the above that additional capital must be provided, and your directors have unanimously decided that the only feasible method of securing the necessary capital is by the placing of a mortegage upon the plant and the issuing of bonds. and they recommend that the stock-holders shall authorize an issue not exceeding \$1,500,000 upon such terms as, in the judgment of the directors, may be for the best interests of the Company. It is estimated that about \$600,000 of the amount thus to be raised will be required to place the property out of debt upon completion of the present plant, and that about \$500,000 additional will be required to increase the capacity of the plant to 5000 barrels per day, and it is only by the production of a large output - which will enable economical production - that the works can be made very profitable. The balance of the amount to be raised will be required for working capital.

In complision, your directors wish to state that they, in common with all other stock-holders, have been much disappointed on account of the long delay and large investment required to complete the plant. They have given much of their time and have made sacrifices in providing funds required by the Company, but they are still of the opinion that when carried to final completion the works will produce cement of the highest quality at minimum cost, and believe that the enterprise will prove to be successful and that final results will bear out former estimates of

Your directors wish to place upon record their sorrow caused by the sad death of Mr. Darling and his associates. Mr. Darling had proved himself to be most efficient, zealous and of the highest integrity, and his death is to be greatly deplored, and his loss will be keenly felt by the Company.

Respectfully submitted,

President.

Phila., April 8, 1903.

The Edison Portland Cement Co.

Girard Trust Building

Philadelphia, Pa., February 18th, 1904.

To the Stockholders of the Edison Portland Cement Company,

Your Board of Directors begs to announce that the works of the Company have been operated continuously for more than three months, and under all conditions the run was satisfactory and the quality of the cement produced very superior-we believe better than any other brand on the market The larger part of our present plant has a capacity of 10,000 barrels per day, but as portions now have a capacity of only 1500 barrels daily, and as many items of expense are fixed irrespective of quantity produced, your Directors have decided to proceed immediately to double the output of the plant, on which basis even the present unusually low prices should yield the Company a good profit, the increase bringing about a marked reduction in cost. Mr. Edison assures us that the proposed increase to 3000 barrels a day can be reached before June 1st, 1904. It is intended to gradually increase the capacity of all portions of the plant to 10,000 barrels daily.

At the annual meeting of the stockholders, held April 14th, 1903, the Directors were authorized to create a mortgage and issue bonds not exceeding \$1,500,000. Your Directors, at a meeting held February 4th, 1904, decided unanimously to create said mortgage for above amount and to issue bonds, said bonds to bear six per cent, interest and to run for twenty-five years, with proper provisions for redemption, sinking fund, &c. It was also resolved that these bonds should be offered to all stockholders at a price of ninety per cent. and accrued interest. The proceeds arising from the sale of said bonds will be used to extinguish the floating debt of the Company and to provide for the extension of the plant and for working capital. The Directors have subscribed for about \$900,ooo of the bonds upon these terms. All stockholders' subscriptions will therefore be upon precisely the same basis as the subscriptions of Directors, and in case more than the total issue shall be subscribed, allotments will be prorated equitably. The bonds will be issued as of April 1st, 1904, and it is expected that they will be ready for delivery about that date.

In order to carry out successfully the plans of the Company, it is necessary that each stockholder subscribe liberally to the bonds.

Any additional information can be procured in person or through correspondence at the office of the Company, No. 600 Girard Trust Building, Philadelphia.

Subscription blanks are herewith enclosed. By order of the Board of Directors.

Yours respectfully,

W. S. PILLING. Treasurer.1904

THE EDISON PORTLAND CEMENT CO.,

PHILADELPHIA, PA.

GENTLEMEN:

Yours very truly,

CERTIFICATE OF INCREASE OF CAPITAL STOCK.

THE EDISON FORTLAND CEMENT COMPANY, A CORPORATION OF THE STATE OF NEW JERSEY, BY ITS PRESIDENT AND SECRETARY, DOES HEREBY CERTIFY:-

- I. That the principal office of the Company is at No. 417 Market Street, Camden, New Jersey, and that the agent therein in charge thereof and upon whom process against the corporation may be served, is, New Jersey Corporation Guarantee and Trust Company.
- II. That the Board of Directors of said corporation, at a meeting duly convened, held on the Twenty-fifth day of October, 1906, passed a resolution declaring that it is advisable to increase the preferred stock of the said Company, from \$2,000,000., to \$5,000,000., divided into 20,000 shares of the par value of \$50., each, and to increase the common stock of the said Company, from \$10,000,000., to \$12,000,000., divided into 40,000 shares of the par value of \$50., each; and that the said resolution should be submitted to the stockholders for their approval or disapproval at a special meeting of the stockholders to be held at the Company's office in the City of Camden, on Thursday the Twenty-eighth day of February 1907, at 12 o'clock N.
- III. That a copy of said resolution of the Board of Directors is hereto appended.
- IV. That thereafter, on the Twenty-eighth day of February 1907, pursuant to such call of the Board of Directors, and upon notice given to each stockholders as provided by law, a special meeting of the stockholders of the Company was held at the Company's office in the City of Canden, at which meeting more than two-thirds in interest of each class of the stockholders having voting powers, were present in

person or represented by proxy, and that more than two-thirds in interest of each class of stockholders having voting powers voted in favor of said increase in the preferred stock of said Company, from \$2,000,000., to \$3,000,000., and in favor of the said increase in the common stock of the said Company from \$10,000,000., to \$12,000,000., in the form above set forth.

V. That at said meeting of the stockholders, the foregoing inorease of the preferred and common stock of the said Company was assented to in writing by more than two-thirds in interest of each class of stockholders having voting powers, which said written assent is hereto appended.

VI. That 2000000 shares of common stock and 400000 shares of preferred stock of said corporation, are issued and outstanding.

IN WITNESS WHEREOF, the said The Edison Portland Cement Company has caused this certificate to be signed by its president and its secretary, and its corporate seal to be hereto affixed this family day of Parch 1907.

Thomas a Edi

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RESOLUTIONS OF THE BOARD OF DIRECTORS.

RESOLVED: That it is advisable to increase the preferred stock of the Company from \$2,000,000., to \$3,000,000., divided into 20,000 shares of the par value of \$50., each, and to increase the common stock of the Company from \$10,000,000., to \$12,000,000., divided into 40,000 shares of the par value of \$50., each; the said increase of the common stock shall be subordinate to the rights of the preferred stock, except that both said increase of preferred and common stock shall have equal voting powers. The said preferred stock shall carry a fixed cumulative preferential dividend, at the rate of, but never exceeding eight per cent (8%) per annum, on the par value thereof, and such dividends shall be declared at such times as may be fixed by the Directors or Executive Committee. If in any year dividends amounting to eight per cent (8%) per annum shall not be paid on such preferred stock, the deficiency shall be charged on the net profits and be payable, but without interest, before any dividend shall be paid upon, or set apart for the common stock. The balance of the net profits of the corporation, after the payment of said cumulative dividend, at the rate of eight per cent (8%) per annum to the holders of all the preferred stock of the Company may be distributed as dividends among the holders of all the general or common stock, as and when the Board of Directors or Executive Committee shall in their discretion, determine.

RESOLVED: That the foregoing resolutions relating to the increase of the capital stock be submitted to the stockholders for their action on approval or disapproval, at a special meeting to be held on the Twenty-eighth day of February 1907, at the principal office of the Company, No. 419 Market Street, Camden, New Jersey.

ASSENT OF STOCKHOLDERS.

The undersigned, being more than two-thirds in interest of each class of stockholders of The Edison Portland Cement Company, having voting powers, having at a special meeting of the stockholders called for that purpose, and held on this Twenty-eighth day of February 1907, voted in favor of the increase of the preferred stock of said Company from \$2,000,000., to \$3,000,000., divided into 20,000 shares of the par value of \$50., each, and in favor of the increase of the common stock of said Company from \$10,000,000., to \$12,000,000., divided into 40,000 shares of the par value of \$50., each; do now pursuant to law, give our written assent to such increase.

Witness our hands this Twenty-eighth day of February,

Number of Shares.

1907.

Names.	Preferred.	Common.
(digness) W. d. mallon A + fa o mo farland * * Horand Wtale)	200	
Jesiw W. achontach	10	
fam Barrame	1	345
of Wayleunth	25	
Who Bee	200	400
Carma & Bell Carmin Bell James Bell	10	
The & Bennet	250	250

Names.	Number of Shares. Preferred. Common.
trank W Bender Eng.	1125 4141
- Luther & Benez	42 1092
no & Benton	100
Lung H. Bordman	
Mookkammer	200 400
lehas & Brothinger	and the same of th
Janus & Berthonger.	100 300
Theny O. Borrow	20 60
Daniel Beck	The second section of the sect
Daniel Buch	336 476
Charle Burney	75
WH Carpenter	100 300
Word & Carre	165 435
drule baranna	50 50
anna m black	333 1000
Chas I bollessay	
JZ bolling	
Charletto De Conto	10 12
Benan Gort	100 20
Therry & leven	240 300
Jes & Cranford	3963
	(00
George & Daries	20 60
att-Do Haran	200 600
Frank & Dyer	50 . 60
Ruhan or Dyen	119 155
The a Edward	FEFE 64355
Purse Eggleston	
James transler	
212 Howhouth	1
Plan lamo	321 600
James Garney	
ne no	119 100
The I Gainer	119 100
Samu Cayley	100 300
WE Gilmon	100 360
5	12783 85303

Names.	Number of Shares. Preferred Common.	
Leyna, I look	100	15303
Girand drust los		27500
adelade Gordfellows	1.	,
Helen 26 Gow		20
Chas & Gronze	1	
Word Grange	7	22/-
Many Meganger Gunney	423	1271
Howard & Haires	50	100
The Wiacom Invested	200	200
Vivil (deard dructer)	1446	10542
Sesin Come Harfun	25	12.5
Cray Heckers .	50	-111
Lewis A Hanson	100	300
Emil Herter	20	
a m Third	. 5	
John W Houston	50	120
marre Homes	20	
Char I Hugher	100	300
How & fairly	100	200
Watten de famies	119	
Frank Jenking		50
26- 011-1	1	
& any & Koduspunger		20
	500	100
Elin Suppend Lyan	14	F34
W. 2 his blenthend		100
John m much	500	1500
Carrie maelon		100
many de mailory		
Www Ht mason	20	110
Um martin	100	100
more may	200	400
& myes	100	100
Herend Muyer	19.0	10
& blann miles	500	3.110
(17730	133321

Number of Shares. Names. E. C millen 46. John V millen H.7 mills man a mies Walter H-miles Emily & nump 160 Muci 17-000 Halan dage Weren & dansept I mai been Smith 1.50 20 27597 171853

Names. Wins H. Start Engin Igher Robert Hyhampsond Thomas M. Thompson B. 7. Formend & Susan S. Journa 7 do reptino Henry Van Beiel Harren & Villand a Wester Franklin D Wiland Han Wilmo Cha & Wollers Chas H 3 mmg Enely Daylo Parford 31617 -215,240

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STATE OF NEW JERSEY,)
: SS.
COUNTY OF CAMDEN.)

BE IT REMEMBERERD, that on this Twenty-eighth day of February 1907, before me the subscriber, a Commissioner of Deeds, pereonally appeared Willard P. Reid, Secretary of The Edison Portland Cement Company, the corporation mentioned in and which executed the foregoing certificate, who being by me duly sworn on hie oath says, that he is such secretary, and that the seal affixed to the said certificate is the corporate seal of said corporation, the same being well known to him; that Thomas A. Edison is President and signed said certificate and affixed said seal thereto and delivered said certificate by authority of the Board of Directors and with the assent of two thirds in interest of each clase of the stockholders having voting powers, as and for his voluntary act and deed and the voluntary act and deed of said corporation in the presence of the deponent, who thereupon subscribed his name thereto as witness.

And he further says that the resolution of the Board of Directors referred to in the said certificate, a true copy of which is appended to said certificate was adopted at a meeting of said Board of Directors duly convened and held on the Twenty-fifth day of October. 1906.

And he further eave that the written assent of etockholdere appended to the foregoing certificate is signed by two thirds in interest of each class of the stockholders having voting powere, either in person or by their severally duly constituted attorneys in fact thereunto duly authorized in writing.

Subscribed and eworn to before)
me the day and year aforeeaid.)

Sign N. Steigke

Allui PRis

"Filed and recorded Mar 29 1907 S.D.Dickinson Secretary of State." ENDORSED:



Department of State

J. S. D. Dirkinson, Secretary of State of the State
of New Jorsey do hereby Certify that the foregoing is a true
copy of the Certificate of Increase of Capital Stock of THE
EDISON PORTLAND CEMENT COMPANY,



In Testimony Myreet, I have hereunte set my hand and affaced my Official Scal at Trenten, this wonty-ninth day of March, I.D. 1902.

Secretary of State.

ASSIGNMENT AND RELEASE

made by

WILLIAM H. SHELMERDINE to THOMAS A. EDISON.

WHEREAS THOMAS A. EDISON of Llewellyn Park, Hew Jersey, by an agreement dated on the 29th day of March, 1899 (a copy of which agreement is annexed kereto as Schedule A') assigned to WILLIAM H. SHEMEREDIE of Philadelphia, Pennsylvania, and William S. Pilling and Thoron I. Crane a one-quarter interest in certain inventions of said Thomas A. Edison, and in patents secured and to be secured for the same, and

WHEREAS the said William S. Pilling and Theron I. Grame did assign and transfer to said Shelmerdine their respective shares in the said one-quarter interest whereby said Shelmerdine became the sole owner of the entire onequarter interest aforesaid, and

WHEREAS by an agreement dated the latt day of May, 1905, by and between said Shelmerdine and the said Edison, the said Shelmerdine did assign and transfer to said Edison, his heirs, executors, administrators and assigns, for and in consideration of the sum of nine thousand, six hundred and ninety-one dollars and fifty-five cents (\$9,691.55) an undivided one-tenth part or share in said one-quarter interest in said inventions and patents and in and to said agreement of May let, 1905 being signed and scaled by William S. Filling and Theron I. Crane, in token of their assent to the same, and

WHEREAS by an agreement dated the 26th day of October, 1905, by and between said Shelmerdine and the

said Mison, the said Shelmerdine did agree to sell to said Mison, at any time within four years from the date thereof, and said Mison did agree to purchase from said Shelmerdine at any time within four years from the date thereof, for the sum of eighty-seven thousand, two hundred and trenty-three dollars and ninety-seven conts(887,283.97) with interest at four per cent per annum, from May 1, 1903, the entire right, title and interest owned by said Shelmerdine in said agreement of March 29th, 1899, and in and to the inventions, patents and applications therein referred to; being the entire right, title and interest originally assigned to said Shelmerdine, Pilling and Crane, by the said agreement, dated March 29th, 1899, less a one-touch interest therein re-assigned by said Shelmerdine to said Mison by said Agreement of May 1, 1903, and

WHEREAS by the said agreement of October 26, 1905, said Sholmerdine did agree, on receipt of the sum of eighty-seven thousand, two hundred and twenty-three dollars and ninety-seven cents (\$87,223.97) with interest at four per cent per annum from May 1, 1903 from said Edison, to execute and deliver to said Edison an assignment and release (assented to by said Pilling and Creue) assigning and transferring to said Edison the entire right, title and interest in and to the said agreement of March 29th, 1899, and in and to the inventions, patents and applications therein recited, as originally conveyed to said Shelmerdine Pilling and Creue, except as said interests may have been reduced by the said agreement of May 1, 1903.

NOW THEREFORE, I, William H. Shelmerdine, for and in consideration of the sum of one dollar, to me in hand paid by Thomas A. Edison, and of other good and valuable considerations, the receipt whereof is hereby acknowledged, have assigned and transferred and by these presents do assign and transfer to said Edison, his heirs, executors, administrators and assigns, my entire right, title and interest in and to the said agreement of March 26th, 1899, and the inventions, patents and applications therein referred te; being the entire right, title and interest originally assigned by said Edison to said Shelmerdine, Pilling and grame by the said agreement of March 26th, 1899, less a one-tenth interest therain, reassigned by the said Shelmerdine to the said Edison by the said agreement of May 1, 1905, and

I, William H. Shelmerdine, for and in consideration of the sum of one dollar, to me in hand paid by the said Edison, and of other good and valuable considerations , the receipt whereof is hereby acknowledged, for myself. my heirs, executors, administrators and assigns, have released, remised and forever discharged and do release, remise and forever discharge the said Edison, his heirs, executors, administrators and assigns of and from all manner of action, causes of action, suits, debts, contracts and claims whatsoever in law or in equity which I now have or I, my heirs, executors, administrators and assigns, hereafter can, shall or may have, for, upon, or in any manner connected with, or growing out of the said agreement of March 29th, 1899, (a copy whereof is annexed hereto and marked Schedule A'), and the inventions, patents end applioations referred to therein, from the beginning of the world to the day of the date of these presents.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at this day of 1907.

In presence of:

State of Ses:
Gounty of Ses:

year of our Lord, one thousand nine hundred and seven, before me personally appeared William H. Shelmerdine, to me personally known and known to me to be the person described in and who executed the foregoing assignment and the foregoing release and he acknowledged to me that he executed the same as and for the purposes therein set forth.

On this

in the

day of

We, William S. Filling and Theron I. Crans, being the parties of the same names who are referred to in an agreement dated Harch 29th, 1899 (a copy of which agreement is hereto annexed and marked Schedule A') have consented and do consent to the foregoing assignment and rolease made by William H. Shelmerdine to Thomas A. Edison.

IN TESTIMONY WHEREOF we have hereunto set our hands and affixed our soals at this day of 1967.

In presence of:

Schedule A'.

AGRESSIBIT made this twenty ninth (29) day of March A.D., between THOMAS A. EDISON, of Orange, New Jersey, party of the first part; and WILLIAM H. SHELMERDINE, WILLIAM S. FILLING, and THERON I. CRANE, all of Philadelphia, Pennsylvania, parties of the second part.

WHEREAS, the party of the first part is now experimenting on certain inventions, novel devices, and improvements classified as follows:

- A. Improvements in a process for grinding and screening coal, and applying coal dust for fuel for steam boilers, and in metallurgical processes.
- E. A process for crushing, sizing and concentrating of coal to eliminate the impurities therein contained.
- C. Improvements in the re-heating of Compressed Air, and itsapplication to power vehicles, and other applioations of Compressed Air.

AND WHEREAS, the party of the first part is willing to sell, and the parties of the second part desire to buy various interests in the above named inventions in the proportion and on the terms hereinafter mentioned;

NOW THIS AGREEMENT WITNESSETH:

 That the party of the first part for and in consideration of the covenants hereinafter made as to payments by the parties of the second part, and the sum of One Dollar to him in hand well and truly paid, the receipt whereof is hereby acknowledged, doth hereby covenant and agree to sell to the parties of the sedond part, and to con-

vey, assign, and transfer by proper deeds of assignment interests as follows:

IN CLASS A, 12 1/2% to William H. Shelmerdine, his executors, administrators and assigns:

- 6 1/4% to William S. Pilling, his executors , administrators and assigns;
- 6 1/4% to Theron I. Crane, his executors, administrators and assigns.

Said interests so conveyed to constitute and cover one-quarter of all the right, title and interest of the said Thomas A. Edison in Letters Patent of the United States which may be obtained on the process for crushing and screening coal to dust and burning the same, of which the said Thomas A. Edison will be the sole owner, and a license covering the use for this purpose (use for cement by the Edison Portland Cement Company, or its assigns alone being excepted) under application for Letters Patent filed March 17, 1899, Serial No. 709447, covering processes and apparatus for screoning and sizing fine material; and also one-quarter interest of the said Thomas A. Edison divided among the parties of the second part in the proportions hereinbefore stated in any foreign patents which the said Thomas A. Edison may take on the process for crushing and screening coal to dust and burning the same, of which the said Thomas A. Edison is or will be the wole owner.

- IN CLASS B, 12 1/2% to William H. Shelmerdine, his executors, administrators and assigns;
- 6 1/4% to William S. Pilling, his executors, administrators and assigns;
- 6 1/4% to Theron I. Crame, his executors, administrators and assigns.

Said interest so conveyed to constitute and cover

one-quarter of all the right, title and interest of the said Thomas A. Edison in Letters Patent of the United States which may be obtained on the process of crushing, soresning and benefication of coal by elimination of impuritice, of which the said Thomas A. Edison will be the saile owner, and a license for the above purpose under application for Letters Patent filed March 17, 1899, Serial No. 709447 as aforceasid; and also a one-quarter interest of the said Thomas A. Edison divided among the parises of the second part in the proportions hereinbefore stated in any foreign patents which the said Thomas A. Edison may take on the processes for crushing, sizing and concentrating of coal to eliminate the impurities therein contained, of which the said Thomas A. Edison is or will be the sole owner.

IN CLASS C, 12 1/2% to William H. Shelmerdine, his executors, administrators and assigns:

 $6\ 1/4\%$ to William S. Filling, his executors, administrators and assigns:

6 1/4% to Theron I. Crane, his executors, administrators and assigns.

Said interest so conveyed to constitute and cover one-quarter of all the right, title and interest of the said Thoman A. Edison in the improvements in the re-heating of Comprossed Air in the United States and foreign countries for which application for Letters Patent in the United States was filed February 27, 1899, Serial No. 706976, covering method of and apparatus for re-heating Compressed Air for industrial purposes, and applications for patents made in the following foreign countries:

Great Britain, France, Germany, Hungary, Sweden, Denmark, Spain, Victoria, New SouthWales, Canada, Austria, Russia,

.

Belgium and Italy, of which the said Thomas A. Edison is cole owner in all the countries enumerated, but it is distinctly understood that an agreement has been made in respect to the United States and English patents for the reheater by which a transfer of the rights under such application in the United States and England only is to be made to a company to be known as the Edison-Saunders Compressed Air Company (a copy of the said agreement is hereto amexed), and it is further understood that one-quarter of the stock received by the said Thomas A. Edison under saich agreement will belong to the parties of the second part in the proportions hereinbefore named, and be transferred to the parties of the second Thomas A. Edison

2. And the said party of the first part further agrees that he will from time to time as additional Letters Patent, either foreign or domestic are granted upon the various applications already pending, as well as in all applications hereafter to be made covering all improvements, modifications, designs, devices, appliances and apparatus relating to said inventions, their uses and practical applications and utilizations, sign, execute and deliver proper deeds of assignment to the said parties of the second part, their executors, administrators and assigns for interests therein, and in the proportions above stated in said Classes A. B. & C. respectively; and further that the said Thomas A. Edison will sign all necessary transfers or powers 8f attorney to transfer certificates of stock in the Edison-Saunders Compressed Air Company, or all other necessary papers to west in said parties of the second part, complete and perfect title to the interests so sold, as well as in all improvements made or to be made by him

arising from the expenditure of the additional sum of money not exceeding Fifteen thousand dollars (\$15,000.) hereinafter mentioned.

3. And the parties of the second part, for and in consideration of the forgoing covenants, agree to pay to the party of the first part as purchase money for the foregoing interests in said inventions described in Classes A. B. C. as well as in the stock of the Edison-Saunders Compressed Air Company, the sum of Seventy-five thousand bellars (\$75,000.) in the following manner:

Twenty-five thousand dollars (\$25,000.) upon the execution and dollvery of this agreement;

execution and delivery of this agreement;

Twenty-five thousand dellars (\$25,000.) at the

Twenty-five thousand dollars (\$25,000.) at the expiration of two months thereafter.

expiration of one month thereafter: and.

4. And the parties of the second part hereby further covenant and agree that they will furnish as called for by the party of the first part, from time to time, sums additional to the said sum of Sevonty-five thousand dollars (\$75,000.) not exceeding the total of Fifteen thousand dollars (\$15,000.) for expenditures to be made by the party of the first part in experimenting, and in making, and in equipping and perfecting appliances, devices and apparatus in proportion of the said inventions. Thereafter, if further experiments are necessary, the expenses (the amount of which shall be mutually agreed upon) shall be borne by each party in proportion to their interests; and should the parties hereto fail to reach an agreement as to mount, then the party of the first part shall have the right to continue the experiments at his own expense, and

after stating the amount thereof im give to the parties of the second part the option of contributing proportionally thereto, and on the refusal of the parties of the second part to ec contribute, then the results which can fairly be attributed to the sole expenditures of the party of the first part shall be his sole property, without right of the parties of the second part to share therein.

- 5. It is understood that the sales of interests in Classes A and B are of a total of a one-quarter of the present interest of the said Thomas A. Edison in the said inventions and devices, subject to whatever sales and contracts he had already made abroad,
- Thie agreement to be binding on the heirs, exeoutors and administrators of the parties.

IN WITHESS WHEREOF the parties hereto have hereunto set their hands and scale this 29th day of March, A.D., 1899.

Witnesses:

W. S. Hallory	Thomas A. Edieon	(Seal)
James M. Gregg	W. H. Shelmerdine	(Scal)
Geo. C. Hagner	Wm. S. Pilling	(Soul)
Louis B. Ashbrook	Theron I. Crane	(Seal)

EDISON PORTLAND CEMENT COMPANY RECORDS PLANT OPERATIONS

These records cover the period 1899-1918. They consist of unbound notes, lists, drawings, calculations, correspondence, reports, notebooks, and pocket notebooks. The records relate primarily to the design and operations of the cement works at Stewartsville, New Jersey. Included are documents dealing with work assignments, output, and costs. A few litems concern the employment of Edison's crushing technologies by other enterprises. Other material pertaining to plant operations can be found in the EPCCo Corporate Filles.

Most of the selected items are in Edison's hand or contain substantive attains by him. Some of the unselected documents are initialed by Edison. Among the unselected items are a report by William Simpkin from 1900 concerning the status of work on the crushing plant; documents pertaining to miscellaneous accounts; and lists relating to blueprints.

The records are arranged in four groups: (1) General; (2) Reports; (3) Notebooks; and (4) Pocket Notebooks. Related material can be found in N-99-00-00 (see "Notebooks by Edison" in the Notebook Series).

GENERAL

Plant Operations - Notes and Lists by Edison (1899)

This folder contains one dated item from October 1899, along with other documents pertaining to the Stewartswille works that may have been written in 1899. Some of the items, including two versions of a list of instructions, are in Edistor's hand or contain notations by him. Also included are an estimate of cement needed; a list of materials to be kept at the crushing plant; and a memorandum concerning the acquisition of land.

Plant Operations - Construction Notes (1899-1901)

This folder covers the period 1899-1901, but most of the entries are undated, it contains undound notes, drawings, and calculations by an unidentified author relating to the construction of buildings at Stewartsville. The one selected item is entitled "Data for Plant —Given by Mr. Edison 4/26/1."

Plant Operations - Notes, Lists, and Drawings by Edison (1900)

This folder contains documents in Edison's hand pertaining to the Stewartsville works. Included are notes, drawings, calculations, and an enumerated list of instructions. Also included are a few drawings in the hand of an unidentified draftsman with the initials "M.T.W."

Plant Operations - Corrections (1901)

This folder contains three copies of an undated, enumerated list of instructions, possibly written during 1901. The one selected copy is a typescript with notations by Edison relating to corrections needed at the Stewartsville works.

Plant Operations - Notes, Lists, and Drawings by Edison (1901)

This folder contains documents in Edison's hand pertaining to the Stewartsville works, included are notes, drawings, and calculations, as well as enumerated lists.

Plant Operations - List of Procedures (1902)

This undated book was possibly used during 1902 or 1903, it contains an enumerated list of instructions written by Edison. The entries concern changes at the Stewartsville plant, as well as the assignment of work to specific personnel.

Plant Operations - Starting Up Book (1902)

This bound volume is undated, but it probably covers the period August-September 1902. It contains an enumerated list of instructions and suggestions, written in part by Edison, reliating to construction, adjustments, and repairs at the Stewartville works. Some of the entries pertain to the assignment of work to specific personnel. One entry concerns sampling procedures for mixed dement.

Plant Operations - Notes, Lists, and Drawings by Edison (1903)

This folder contains notes, drawings, and other items in Edison's hand, as well as undated material probably from 1903. Most of the documents are instructions and suggestions relative to operations and adjustments at the Stewartsville works. The instructions are addressed to Walter S. Mallory, web-president; Edward P. Dinan, chemist. Williams I. Mason, superintendent; and H. S. Moulton, plant manager. One item concerns the reconstruction of the coal plant. Also included is a series of notes containing Edison's "framework" for organizing the departments, as well as material partaining to experiments on clinker and efforts to reduce the day content of quarried stone. One later nettests to the teating of cement under freezing conditions. Some of the documents contain references to Edison's bout with

Plant Operations - Notes, Lists and Drawings by Edison (undated)

This folder contains undated notes, lists, and drawings in Edison's hand, along with other documents with notations by him. Most of the material is probably from the period 1903-1909 and relates to operations at the Stewartsville works. Included is an estimate of daily costs for an unidentified briquetting experiment. Also included is an item pertaining to the New Jersey and Pennsylvania Concentrating Works that is probably from 1998-1999.

REPORTS

Plant Operations - Shop Inspector's Reports (1901-1902)

These three bound volumes cover the period April 1901-August 1902. They contain inspector's reports and related documents, including correspondence. Most of the reports are by Morris D. Jayne; many bear marginalia by Edison, draftsman William Simpkin, and engineer Edward A. Darling.

Plant Operations - Trouble Inquiry (1903)

This folder covers the period October-December 1903 and consists of a series of preprinted forms with the title "Trouble inquiry." Each form contains typewriten questions, suggestions, or criticisms by Edison concerning operations at the Stewartsville works, along with responses and comments by other company employees. The documents are all initialed by Edison and some bear his handwritten notation.

Plant Operations - Mill Log Transcripts (1904-1918)

This folder contains documents regarding daily operations at the Stewartsville works, included is information about the crushers; the quarry; and the weighing, mixing, chalk, coal, and roaster plants. Many of the items bear Edison's initials, as well as calculations that were possibly made by him.

REPORTS NOT SELECTED

Chemical and Physical Laboratory Reports Raw Materials and Cement (1903)

This folder covers the period October-December 1903. It contains signed reports by chemist Edward P. Dinan. Included is information regarding atmospheric conditions; the moisture content of cement and carbonate rock; and the physical properties of chalk, coal, clinker, and cement. Some of the reports are initialed by Edison.

Inspector's Reports (1903)

This folder covers the periods February-March and September-December 1903. It contains reports and related memoranda concerning engines and other equipment at the Stewartsville works. Most of the reports are signed by Morris D. Jayne; many of the memoranda are initialed by Edison.

Mill Logs (1903)

This folder covers the periods January-March and September-December 1903. It contains typed transcripts of daily mill logs. Most of the documents are initialed by Edison and Walter S, Mallory. Some contain notations in Mallory's hand; a few have calculations that may have been made by Edison.

Chemical and Physical Laboratory Reports Raw Materials and Cement (1904)

This folder covers the period December 1903-February 1904. It contains reports by chemist Edward P. Dinan, all bearing the notation "Pant not in operation." Some of the Items concern atmospheric condition, the moisture content of cement and carbonate rock; and the physical properties of chalk, coal, clinker, and cement. None of the reports are initialed by Edison.

Inspector's Reports (1904)

This folder covers the period February and June 1904. It contains reports by Morris D. Jayne and George G. Lewis. None of the documents are initialed by Edison.

Mill Logs (1905)

This folder covers the period May-December 1905. It contains typed transcripts of daily logs, including running times, indicator readings, and operations at specific plants of the cement works.

General Inspection Reports (1905-1908)

This folder covers the period May 1905-May 1908. Most of the reports pertain to bearings.

Foremen's Reports (1906-1907)

This folder contains weekly reports of departments at the Stewartsville works. Included are reports by the superintendent, chemist, chief engineer, and master mechanic. There are also reports by the foremen of the quarry, oil, bett, and electrical departments, elong with others by the foremen of the crusher, weighing and mixing, roaster, clinker, and packing plants,

Log Reports with Shipment Notes (1907-1918)

This folder contains unsigned daily reports of plant operations, along with notes relating to daily and monthly shipments.

NOTEBOOKS

Plant Operations Notebook, N-99-04-04

This notebook covers the period April-October 1899, it was used by Edison's legal counsel, Alexander Elliot, Jr., for notes, opinions, and drawings relating to cement properties at Stewardsville end several locations in Pennsylvania. The earliest ltems mention meetings with Edison. One entry describes the Hercules Portland Cement Co. in Allentown, Pennsylvania.

Plant Operations Notebook, N-99-07-05

This notebook covers the period July-September 1999. It was used by an unidentified author for notes and drawlings regarding a site for the cement works. The selected entries concern Stewartsville and other locations in New Jersey, as well as several places in Pennsylvania.

Plant Operations Notebook, N-02-01-23

This notebook covers the period January 1902-May 1903, it was used by Cloyd M. Chepmen for work undertaken at Stewertsville on behalf of the Edison Ore Milling Syndicate, Ltd., end related interests. The notes perial to brigheting texperiments, furnace furlas, kiln runs, and other tests using ores from Ogden, New Jersey ("Edison concentrate") and the Dunderland region of Norway.

Plant Operations Notebook, N-03-00-00.2

This undated notebook was used by Edison, possibly during 1903, for notes, calculations, and drawings. At the beginning of the book are notes regerding a humidor kin, as well as drawings pertaining to the design of the cement plant. Several entries concern grinding, separation, washing, and conveyance. Toward the middle of the book are a few phonograph-related drawings.

Plant Operations Notebook, N-04-11-01

This notebook contains an undated entry by Edison on the first page. The remainder of the book was used in 1904 by draftsman E. J. Glasebelt, for drawings and calculations relating to construction plans.

Plant Operations Notebook, N-99-07-01.1

This notebook was used by Edison for notes and calculations relating to operations at the Stewartsville works during the period July 1905-February 1906. The calculations detail plant capacity and losses in time at different stages of production. Included is information regarding the crusher and packing plants, the kiins, and the quarry. Other entries pertain to supplies, repairs, and the consumption of coal and oil.

Plant Operations Notebook, N-99-07-01.2

This notebook is a continuation of N-99-07-01.1. It was used by Edison for notes and calculations relating to operations at the Stewartsville works during the period July 1905-February 1996. The entries concern plant capacity and losses in time.

NOTEBOOKS NOT SELECTED

Notebook, N-00-04-18

This notebook is dated April 18, 1900. It was used by an unidentified author to compare estimated and actual costs of sundry items.

Notebooks, N-03-8-18 and N-03-09-28

These notebooks cover the periods August 1903-February 1906 and September 1903-March 1910. They were used by unidentified authors as logbooks for the daily analysis of cement mixtures. The entries typically note the source quarry, sample analyses, and condition of particular lots. Some entries include calculations of moisture content.

Notebook, N-05-08-16

This notabook covers the period August 1905-May 1908, it was used by an unidentified unthor for notes, calculations, and drawings regarding sample analyses as well as various cement tests and experiments. A few entries concern rock samples taken by Edison, Some of the notes and calculations relate to the porosity of clinker, the "flash" and "flame" temperatures of cylinder oil, and the treatment of sand briquettes with sodium allicate. There is also a log of date entitled "So, in hortry Grinds".

Notebook, N-06-12-13

This book covers the period December 1906-February 1907. It was used by an unidentified author for notes and calculations pertaining to drilling operations.

Notebook, N-07-09-29

This book covers the September 1907-July 1908, it was used by an unidentified author to record freight shipments by rail.

Notebooks

These seven notebooks cover the period May 1908-December 1913. They were used by J. G. Hackman and other, mostly unidentified, authors for notes, calculations and drawings. Thenotebooks pertain to prospecting, sample analyses, and product quality attifferent stages of the production process. The entires typically note the source quarry or drill hole and the specific full or grinding analysis. Some of the entries relate to moisture content.

N-08-05-07	N-09-08-01
N-08-08-18	N-10-07-05
N-08-05-22	N-10-07-17
N-08-11-03	

Notebook, N-00-05-18

This undated notebook was used by an unidentified author to compare estimated and actual coats of sundry items.

POCKET NOTEBOOKS

Plant Operations Pocket Notebook, PN-01-00-00.1

This undated pocket notebook was used by Edison and an unidentified author for notes, calculations, and drawings relating primarily to prospectors' surveys in the vicinity of Stewartsville and the analysis of collected samples. Included are notes from surveys conducted by Edison and Francis R. Upton. Most of the drawings are topographical sketches. Near the end of the book are notes and drawings pertaining to blowers and diffeomers.

POCKET NOTEBOOKS NOT SELECTED

These lifteen books cover the period 1899-1909. They were used by Waiter S. Mallory, C. N. Wiley, and other, mostly unidentified, authors. The books contain notes, calculations, and drawings regarding prospecting, sample analyses, and product quality at different stages of the production process. Some of the books pertain to equipment and alterations at the Stewartsville works. One book (PN-01-04-01) concerns the status of drawings and materials relating to mill buildings. Another book (PN-99-00-03) contains notes about competitors, estimated costs, potential customers, and other subjects.

PN-99-00-00.1	
	PN-07-03-30
PN-99-00-00.2	PN-07-05-02
PN-99-00-00.3	PN-07-10-23
PN-01-04-01	PN-08-10-15
PN-01-05-25	PN-09-07-22
PN-06-05-10	PN-09-07-28
PN-06-08-23	PN-10-00-00.1
PN-07-00-00.4	

EDISON PORTLAND CEMENT COMPANY RECORDS PLANT OPERATIONS - GENERAL

Edison Portland Cement Company Records Plant Operations - Notes and Lists by Edison (1899)

This folder contains one dated item from October 1899, along with other documents pertaining to the Stewartsville works that may have been written in 1899. Some of the items, including two versions of a list of instructions, are in Edison's hand or contain notations by him. Also included are an estimate of cement needed; a list of materials to be kept at the crushing plant; and a memorandum concerning the acquisition of land.

All of the documents have been selected.

The mems from the Edward of

That there shall not be any misunderstanding of the parts, we wittend making in shop at Stewartsville, I will write down what I think we should make there.

lst- Idler bearings.

 $2 \mbox{nd-Drill}$ ends and assemble, and turn wood of idlers, getting shafts outside.

 $3 \mbox{rd-}$ Punch, drill and assemble all runways for belt conveyors and belt carriers.

4th- Make x x distributor on top of dryer.

5th- Make the whole of the skaker mechanism of the dryer, getting gears and shaft outside, but we doing work on shafts.

6th- Make scraper conveyor over top of climmer stock house.

7th- Make all chutes.

8th- Head and tail pulleys of belt conveyors, but gearing with motors make outside. Large bearings for head and tail pulleys also got outside.

9th- Screw conveyors and appliances.

10th- Roller feeds, everywhere.

11th- Screen holders, frames and screens.

12th- General small fitting.

6. Have design of machine who p got out a last to als ready - also smeating, 1st Decide of Meword willie to the Counting by andt of drill comp Torder bumber 4 Everything necessary For wreation of whap and shed-2hd Il describe in a side upont Examine tilles, + close for such land as 8th Dend assistant moder much of required ather Competent man to enspect the maching we want on favorable report 3rd at the same time get permission freme purchase same -To I 100 to go inche or see - there read or algorite to our perpetters with 9th Bet and Engineer to a side track from their HR oute our Level for smetal work at mill mill vit, other descrable Under de dis a o, such as reales on concert 10 - Bus Come can get contour lines load a working rates to Phillips 69+ for oute of RR Buttoh line -1 Washington-II duk hales all over mill site 4th Establish Centour lines for RR from Partle to determine character of grown to Will oite-12 Find nearest queiso rock for location 5th Order tres from Edison get 2nd have Rails from DIW RR Took peater opplied a Quarry for Crusher to make rubble

18, Wi shall would at ite not 13, 150 MP boder for machine shap waited 200 km 20000 amount 16 cart for Execution on the Concernate Engant will amount michoete + profosiymore Later in = WE can procably hue horse from Local farmend 14= Had of of will Expand 19 = Ou it will be donk Early 15 Chipromo to 8 well and were we should have at least . . for the ght wohops 2 (vecto lights to start 16 Order steamer should us you we decide a abtomi property one should for 20 Order a Cement-me XEN une deale delivery - one for give Delwery or sooner ofpailies 21 Should have say 800 ft of Light (vack with say 30 lb rail V desvie with in sections on 2 × 6 plank 17. Want as mace 25 AP 60 clar from Ties a Say 2 small care to Courter - Use our Grustier by drawn by horses for Carried af thuloy - must have myrd concrete -304 Course vous out toles Crusher + a house out toles a 12" bucket-bact Elevalor

22. When we have determine Low 25 Got after on 6000 666 Coment Contour lenes for RR to our of watthe water mine, order raily plates, balt rut, wifile attirs from Edwar 26-a preumatic Kerder will be to as heavy become wice Reading as Everice of Derg go over it of also the strain Shouse cos should have say 27 4 or 5 hand forger well be 80 lb rail - or a yould rail " / me crossing for everating describing with tres closer trigether than 28 If we sore of Gld go ourselves 23- order say 200 feet of 100 lb must have nearn uf gin palis tail track for ohere is a Extra Errecting Trake, heavy tres 29= Must have pipe line temporar 24. Order 60 okips 70 cars to altan water a mel site shafts etc for placing 16 okips for Coulers, Coment miximo on care for dimpine Etc also pump at creek

30, WEshallned The 2 scrapers 36 Westallnead on Day ran how at Edward pra 6 a 6 (1) 2 Contractors .31 also shoog W. + peaks in. addition to the over cac now 37. also 10 to 15 Rough Country have ad Mericandonicles. 33= plans + timber for Everetion of a fire of a crease Pahatang 38 Wz may beache to use some Rosentale Coment in place of ParCland. 34- 3 small devise ofer for brandling stone + partiting 39 Wishall wand some Water proof Carpantins grasiting aflage our to cover our 35. 4 steam drille dull rode masalwak again rach pipe, 4 appliances -also some lumber for ditto blackwanth ballows and to for sharpening double at place of Arilling = dunker for smeater if I should also for tool Boxes of Dolly

40- Wishall want probably 44 = Ofter 5 High tooled + furnished 2 amall horsting Engineer matural of Experimental. will devucks for hardle groater de luz have ground our our clinker - remedel) Cone, for give diewen this will be late so we can probably fi= a small partable bocker ence beines do 2 at Xn Garatan olla to the hoists -4 can be done in soly 2 42 = The grant Roll + 6 36" Rolls olimiditée placed as som as alter shops blue pietes y apreferactions 45. Right away say to the waln The and I game delivery as we com building people that we want to place order for A3 Promyer the Origin should be about goo Hasepower in placed, waters Varying from 5 44 - after Rouster Experient, place to 50 Arraepawer cock posters + all appeared -500 Valt to run Continuous to get give Delivar 24 hours state heat factor

46. get calco gare from 47 Fundout all about founday profit for small foundy Drawing rape, manilly Hunts, Complete, we windling builder greated Manilla, Catter ropen from their plans various styles + nealery. They to put in sconfelling reach prices also joints for for use = show than Bletch Connecting - so we can at an of state in granty 36-1 45 High - aldoliced dury that we only want to 48- ascertain prices on poul sworph to Recep 2 months Quew Conveyors from the gular Guy + call en and of other makora 24 Diamiter, This Labor ichen pour prabasey 1 to 2 to wat is special -al a time of one and will amount also a burch fumace delivery for emergence work that will pour up to 300 lbs getfullparlient + priz

53. Getter for the belt conveyor 49 = Deace order for the otec Castingo for happens of glants; 54 Year Diren Conveyor at Chilk · Kousegregge of 36 Halls) 55- Glass Derse Conveyor in Church Olock Louis Eccont & B 56 Grans for driving Conveyors 50 - When you get drawings sufficient of clinked Endlog place orders for grade for the 5 36 " Racks ratary 57 grans for down of conveyors Chack and Racay my 51 ditto for the Elevators 58 gans for Blower Roller fred blower House 52 detto for the Rolany round

59 gears during pur conveyor 68 Warta pump at Jumping Station at 1 Reverence phouse Sahatrang Creck Run by 60 Hear Drum of Daraper. anotal get prices over clinka stock house Calalogues & Co 61 Trais during scraper 69 = Dynamos up to over Residential Course Haraé pawer for running mators 500 Valts -62 gears drewing oringles 70 Dynamor 125 Vacts 63. genes duving rotary myer -I Hosepower for Jaco bamplin Kalle running lights-66- grave drewing sciento Goden house 71 Design for fower house 67- Rolls of grave in Coal showing place for Engine Dynallo - Dwech 6 dard Lights - Regulators, Indical of Lights - Regulators, Indical of 72 = Reneral plan of backen 44 = Plan of Coal grinding house house pumps proses lights - all can plate 78= Gressine 6 Comer 55 13-47 amobiocom y proction foreing coal under backer of Strain peping Leohale of ou valances 79 = plan of Office Energy 74- Dlaw howing heating 80 Plan of Storeroom peant -0/5 Plan showing all the 81 = Il an al assay house Depling, tanks, outropo Ela of the beling so 81 = allers plan of Slook 76 = Plan garangement af Oil house pumps,

82: atta 6 ase of Clinter 89 - detailplan each lat Marney wak = 83 = New horst for dumping 90 - Hener al plan showing all the tracks, a wilchin gyotho of cais derect too atc. 91 Opt Catalogues of fine bricky Hollow sed brick. 85 Groundplan afwake makery prices, ball kind also terra Catta timo of delivery 20 zny ather ufamation I'm 12 rouotino 86 = Resevan for water 80/= ground plan whale 91 = all information as to che a kis showing Excavilias prior gypon ground to deliver of slew a lovele 88 Ground plan whole was

92 = Catalogues of Bandl 96 Oil Commence all heading maching emport, time of lad 97 = find out about semmed 92 = price of the barrel maple for time of repor divine colecte and conveyor Otaves all information idica. successing there co 98 = prices common Minalla 93= Bap-accorbail cham topo + rawhile la garingo prices Etc = for bething 94 = oce if my rock many 3 (is Oler Companyor for 5 Drell en the wineket 100-pipe for water line 95 Look out for a will 101 Alcam propedelails Margar

- (1) Decide if Stewardsville is the Location by results of drill assays.
- (2) If Stewardsville is decided upon, examine titles and close for such land as may be required
- (3) At the same time get permission from D. L. & M to go under or their road or at grade to our properties, also a side track from overtheir R. R. on to our Mill site, also other desireable understandings, such as rates on coment, coal and workmen rates to Phillipsburg and Washington.
- (4) Establish Contour lines for R. R. from D. L. & W. to Mill site.
- (5) Order ties from Rdison, get 2nd hand rails from D. L. & W. R. R. also fish plates, spikes, bolts, and nuts. Have R. R. Co. put in
- (6) Have design of machine shop got out and list of tools ready,
- (7) Order lumber and everthing necessary for erection of shops and
- (8) Send Assistant Master, Mechanic or other competent man to tin-
 - (9) Get Ciwil Engineer for errection work at Mill.
- (10) Brisbane can get contour lines for site & R. R. Switch line.
- Where (11) Sink holes all over mill site to determine character of ground
- (12) Find nearest Gneise rock for locating a Quarry for Crusher to
- (13) 150 H. P. boiler for machine shop wanted. 2nd hand will

answer, Cincinnati Engine will answer.

- (14) Heat shop with Exhaust Steam.
- No (15) Dynamo No. 8 will answer for light in shop.
- (16) Order steam shovels as soon as we decide to obtain property.

 One Shovel for immediate delivery. One for June Delivery or sooner

 if parties desire.
- (17) Want a small 25 H. P. boiler for Crueher. Uses our Crueher at
 Amboy. Must have 3 or 4 Coarse screen plates at Crusher and a
 house over it also a 12° bucket balt Klevator.
- (18) We whall want at least 6 carts for Excavations on the Mill .

 We site and probably more later on. We can probably hire horses from Local farmers.
 - (19) As it will be dark early, we should have at least 2 Wells lights to start with.
- D (20) Order a cement mixer.
 - (21) Should have, say 800 ft. of Light track, say 30 lb. rail in esctions on 2 x 6 plank ties, and say 2 small care to be drawn by horess for carrying mixed concrete.
- (22) When we have determined our Contour lines for R. R. to our mine order rails, plates, bolts, nuts and spikes and ties from Raison, as heavy locomotives will go over it and also the steam shovel we should have say 80 lb. rail or a 70 lb. rail, with tiss closer together than ordinary.
- (23) Order may 200 ft. of 100 lb. tail track for whovels and extra
- (24) Order 60 skips, 70 cars, shafts etc. for placing 16 skips on we care for dumping.

- (25) Get option on 6000 bbls. Cement for use this winter.
- (26) A pneumatic Rivitor will be necessary in erecting shop.
- (27) 4 or 5 hand forges will be necessary for erecting and riviting
 - (28) If we erect bldzs, ourselves, guet have necessary gin poles and erecting tackle.
 - (29) Must have pipe line temporarily to obtain water on mill site for boilers, cement mixing stc. also pumps at Creek and boiler.
 - (30) We shall need the 2 scrapers now at Edison.
- (31) Also shovel and picks in addition to those we now have at

 Stewardsville.
- (33) Plans and timber for errection of a bridge across Pahatcong
- (34) 3 small derricks for handling stone and putting in position.
 - (35) 4 steam drills, drill rods, pipe and appliances, blackenith bellows, anvil etc. for sharpening drills at place of Drilling,
 Lumber for erection of Shanty also for tool boxes at Drills.
- ~ (36) We shall need on day run, probably 2 Contractors foremen.
- Withw (37) Also 10 to 15 Rough Country Masons.

 - (39) We shall want some water proof tarpauline of large size to cover over Mason work against rain, also some lumber for ditto.

(40) We shall want probably 2 small hoisting Engines with describes.

- No (41) A small portable boiler will be necessary for the hoists.
- (42) The Giant Roll and 6 36" Rolls should be placed as soon as blue prints and specifications are ready. June delivery, as we can store than in case they delivered when they promised.
- (43) Next the Dryer should be placed.
- D (44) After Roaster Experiment, place roasters and all appliances, me split them in different shops to not June delivery.
- (44) After 5 High tested and furnished material for Experimental

 Proaster. We have ground our own clinker, remodel to new style

 and test, if o. k. place for June delivery. This will be late, so

 we can probably do 2 at Laboratory other 4 can be done in say, 2

 other shore.
 - (45) Right away say to the motor building people that we wanttee in place orders for about 700 Horse power, motors, varying from 5 to 50 Horse power, each 500 Volts, to run continuously 24 hours, state heat factor, speeds, weight, Roonomy, general construction, price and time of delivery.

(46) Get Catalogue from Foundry people for small foundry Complete.

- we crecting building from their plane. They to put in everything r ready for use. Show them eketch of plates of Giants, 36 and 5 High all chilled and say that we only want to pour onough to keep 2 moulders busy and call on aid of other labor when pouring, probably 1 to 2 ton in 1 day will answer, also a small furnace for gasrgency work that will pour up to 300 lbs. Get full particulars, prices, delivery etc.
- D (47) Find out all about Driving rope, manilla, Hunts, greated

manilla, Hunte Cotton rope, various styles and makers, prices, also Joints for Connecting, so we can at a moments notice pace our order

- (48) Assertain prices on Serew Conveyors from regular makers, 24 diameter, 4 inch tube center, this is special, also time of delivery.
- (49) Place order for the Steel Castings for hoppers of Giants.
 - (50) When you get drawings, place orders for gears for the 5-38" Rolls.
 - (51) Ditto for the Elevators.

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- (52) ditto for the Rotary roaster.
- (53) Gears for the belt Conveyors where joined to motors.
- (54) Gears screw Conveyor at chalk house.
- (55) Gears Screw Conveyor in Cement Stock house.
- (56) Gears for driving Conveyors al Clinker end of rotary.
- (57) Gears for driving conveyors chalk end Rotary mixers.
- (58) Gears for Blower & Roller Feed blower house.
- (59) Gears driving screw conveyor Rescreening house.
- (60) Gears driving scraper over clinker stock house.
- (61) Gears driving scraper over Rescreening house.
- "(62) Gears driving sampler Rolls.
 - (63) Gears driving Rotary mixer.
 - (64) Gears driving coal conveyor at rotaries.
 - (65) Place sampler Rolls.
 - (66) Gears driving screw to boiler house.

- (67) Rolls and Gears in Coal grinding House.
- (68) Want a pump at pumping station at Pohatcong Creek, run by a motor. Get prices, catalogues etc.
- (69) Dynamos up to Horse power for running Motors 500 Volts.
- (70) Dynamos 125 Volts Horse power for running lights.
- (71) Design for nower house showing place for engines, Dynamos, Switch board, lights, Regulators, Indicating Apparatus, Steam heat, Steam pipes etc.
- (72) General plan of boiler house, pumps, pipes, lights, all complete.
- (73) Plan showing position of Steam piping, whole plant.
- (74) Plan showing heating pipe system and heats, whole plant.
- (75) Plan showing all the piping, tanks, sumps etc. of the Oiling System.
- (76) Plan and arrangement of Oil house, pumps, tanks, fitters, etc.
- (77) Plan of Coal Grinding House and machinery.
- (78) Pressure blower for forcing Coal under boiler and in rotaries.
- (79) Plan of Office building. (80) Plan of Storeroom.
- (81) Plan of assay house with all interior arrangements.
- (81) Altered plan of Stock House No. 1.
- (82) Alter base of Clinker Stock House.
- (83) New hoist for dumping skip at Crusher plant.
- (84) Hoist Cars direct from Engine Shaft.
- (85) Ground plan of works as a whole.
- (86) Resevoir for water.

P

- (87) Ground plan whole works showing excavations.
- (88) Ground plan whole works showing masonry.
- (89) detail plan each lot masonry work.
- (90) General plan showing all the tracks, switches etc.
- (91) Get Catalogue of fire bricks, Hallam red brick, makers prices, both kind, also terra Cotta, time of delivery and every other

information in re roasters.

- (92) Catalogues of Earrell Making machinery, prices, output, time of delivery.
 - (92) Price of barrell staves, all information relating thereto.
- (93) Bags, all about them, prices etc.
- No (94) See if any new muzzles in the market.
- (95) Look out for a Mill Manager.
- Dr- (96) Oil Casings on all Gears.
- D (97) Find out about seasoned Maple for runs of rope, drive wheels and Conveyor idlers.
- D (98) Prices common manilla rope and raw hide lacings for belts.
- N (99) Order Compressor for 5 Drills.
- Dr- (100) Pipe for water line.
 - D (101) Steam pipe details fittings etc.

- (103) See about driving direct from main shaft.
- (104) See about dust protection.
- (105 Experiment with live cement dust on Muzzles.
- (106) Get Catalogues of Cement testing machinery.
- (108) Did Ward include in blackemith Outfit a eteam hammer sufficient for say teeth of Stoam Shovel.
 - (109) We should have our Standard bearings made in wood full size.
 - (110) How about a Motor for driving Experimental Rotary, also as to power at Lab. for running motor.
- (111) How about using one of our old screen cylinders for small and of rotary by patching.
 - (112) Complete drawings for new 5 High- plates, chills, etc.
 - (113) Locate position of foundry.
 - (114) Locate position office, assay and storeroom.
- (115) List of supplies for storeroom.
 - (116) List small tools, supplies etc. for Machine shop tool room.
 - (117) Scheme for Drying Coal at Stock House.
 - (118) Design for Coal Crushing plant, Machinery.
 - (119) See about punch press and dies for punching screen plates.
 - (120) Model frame working size of Resorgen.
 - (121) Thrust Collar and oiling system, Screw Conveyors.
 - (122) Put an air space 6 inches in brick part of roaster and fill with mineral wool.
 - (123) Change over 4 & 5 Conveyor buckets to rope connected for rotaries Clinker Conveyor.
 - (124) Make design for blowing Goal in on ejector principle in front of rotary.
 - (125) Replacable Bricks instead doors in rotary end.
 (126) How about apox of our trusses for leaking.

(127) See what can be done for 2nd hand Locomotives, (2) 100 tons 100 ft. mile grade.

(128) Mallory ego if Maj. Bent can let us have man Superintend Construction blone, or his Co. take contract Errection, if they have creating tackle etc. or if he knows of a party who takes errection contracts.

(129) Our belt Conveyors are too wids, 24" belt structure-can be narrowed down to 30" wids.

(130) See if Hill self oiling bearing can be devised for our idlers

(131) It may be advisable to continue car treatle both sides at Crusher plant so empty cars will help pull loaded ones up.

(132) Get assay of Pohatoons water.

(133) On model tin oil easings should be put on in all cases.

(134) Model Motors also put on with case for holding and keeping free dust with ventilating fan.

(135) We can get a blower from Orden Mill for experimental rossten (136) We shall probably need a fairly large Root blower for edal injections on Amerimental Rosster.

(137) We shall need to turn stuff throughout whole reaster, hence we must have corrugations or equivalent the whole length; This is incompatable with a single brick lining at Cold end, guess we can do it with built up bricks.

(138) The 2 - 700 H. P. Engine Rooms, must have large spaces left for Cloth frame and exhauster for thest and exit air filtered.

(139) In case clinker crusher chears etc., there should be an overflow chute or all the reasters would have to be stopped.

(140) The Chutes or holes under Scraper top of Clinker stock house must be capable of being opened and closed.

(141) An exhaust fan should be connected to the Clinker Stock House to Cool ore, present burning belt.

(142) All hoppers and the Rolls themselves must be removeably connected in Crushing plant.

- (143) I have never seen the final specifications or Contract or drawings of Allis Engines, were there to be any?
- (144) If we are to dry Coal by hot air in Coal storage house. Wood sides may be objectionable.
- (145) At Hotel in Stewardsville Rain water is used for drinking Why is this?
- (146) Engines must be capable working non condensing Exhaust-pipes provided
- (147) Exhause pipes provided in Power House.
- (148) See that hopper of grant is ample for 1 1/2 skip loads
- (149) There is an overhang in Model where cars dump, arrange this.
- (160) It is not certain that skips can be dumped properly with single chain.
- (151) A proper cover and oil casings should be put on Dryer Shaker mechanism in Model.
- (152) Chilled Iron deflecting plates should be used in distributor on Dryer.
- (153) We do not use chilled surface in slote in Dryer, except at one and in New Dryer, shaking plates should have chilled pisces in slote and on plates where they rub both ends and middle.
 - (154) The outside drip covering on Dryer, should be put on Model.
- (188) An actual wood Model of screen plates with framing etc.,
- should be put on top Dryer and not the mere outlined thing there now.
- (156) The overflow and picking belt with spout back to 3 rd 35° Roll with driving mechanism, should be shown on Model.
- (157) Think of desirability of making tunnel in big Dry wall of No. 1 Dryer for hot air with numerous holes which are automatically closed by ore.
- (158) Model of eampler should be put in place with epoute to Sampler bldg.
- (159) No. 1 Alevator should be changed to be just as it will be.

(100) Mallory, inquire about a small stripping shovel.

(161) A Dumping track and site must be selected for stripping.

(162) Must have powerful boring Mill for 24 and 36" Roll plates.

(183) Should be 2 doors in brick tunnel to Roaster to net at bearings.

(184) Bearings on all screw Conveyors hardened shell and bearings, Chilled Iron ground.

(188) We shall need a time-keeper and bookkeeper at Stewardeville.

(187) A temporary office with Kerceine lights and stoves will have
to be built on grounds.

(168) Better have ties out right away at Edison and not wait.

(169) Chutes isading down from rescreening house for coarse and rejections to have a gunny cloth extended cover and the scrapers to have a cloth cover forming the roof of a chamber all to permit air to get out.

(170) The belt taking ement from Cement grinding bldm. over to rescreening building, and the belt bringing back rejections, can run in horizontal run way 15 or 20 ft. high and not in the tunnel.

(171) A Motor or Motors with one or more Root or Baker blowers to be used for ventilating motors, perhaps to gave pipe and power there should be 2 or perhaps 3 at different parts of the plant.

(172) The present method of running sorew conveyors is bad, I think the sorews should be 20 inch diameter with 6" periohery secured to pipe by spokes that the bearings should be placed every 10 ft. and be an oiled one with drip etc.

(173) The question of windows throughout the mill should be looked into.

(174) The question of wood flooring to devide floors in buildings where dust is prevalent should be looked into.

(175) All authorities agree that Mill scale on iron is very bad and should be taken off before painting. Pickling sand blast scratch brush, smery ste. recommended. I dont like to use acid. Sand blast I think is too slow and expensive, also easily, perhaps reducing the scale by Hydrogen Electrolitically might answer. They also agree that Iron pigment paint is very bad, of all paints; Red Lead ground in boiled Linesed is the best.

(176) We should decide on as few sizes as possible for our Motors, so we can have extra armatures and field coils.

(177) We should have sither an extra large 500 V. Dynamo or spare armsture and field coils for a break down, hence we ought to have allower dynamos same size and make if possible.

(173) Work out plan of driving hoist for care at Crushing plant, working direct with rope drive and no motor.

(179) Position and driving gears of motors will soon have to be worked out, and air pipe leading thereto.

(180). This time I want every shaft where it goes in a bearing polished so you can see your face in it. I am tired of Chumps Master Mechanics that permits chafte to be put in with tool marks on them.

(181) As the Babbitt metal we will use is the best but very dear it will be unnecessary to use it reclassly any more than enough will be a waste.

[182] I think we should start a man on the design of the new 5 High Machines.

(188) I think wooden models of the Rotary furnace bricks, should be made on drawings of ditto and sent to makers for prices and delivery time, after receipt of order for the 1st Experimental burner and also for remaining 9 burners. (184) We should assertain headquarters for essented maple 6 x 6 and also pound size, prices and delivery times.

(185) Mallory was to write for two foundry foremen advertising in-Iron Age to come over.

(186) Drawings for gears of the six 36 Rolls, should be made and bids obtained.

(187) Also Drawings made and tin oil easing put on Model and whon o. k., working drawings made for bid.

'(188) We shall have to have a store house isolated for our paints at Mill.

(9) Mallory to find out about headquarters for barrel stayes, thinery etc. from the Maps the amount of Convent land we require from YW Cline is 27 acres - that gives us all we want This will amount to \$5400 of this we can take under the option If we include 2 more acres at Crack and the 16 acres Railroad-This will be 19 acres of land we absolutely do not need and do not want & cannot 62 made to take but rather than have any trable tottle things amicably I will report favorably di Clina \$200 per acre for The 27 de of Coment and of 75 per acre for the 18 across of farm Land

Sallie Boyer has 23 acres of ement + 57 acres of far with 9 will report to 1.60 on \$200 per ac and \$85-\$

TAE Collo Address Blinn New York" Cable Shidins Edison, NewYork * Frankle Saboratory Thomas IV. Edison: OpangeNJ_ . Trom the Saboratory Thomas H. Edison.

Crange Ny. Max Min Crushing Plant List of Extras to 62 12 Bolts and nuti 1st, 36 Kept on hand-2nd 36 - / normany 12 Special -24 Min , 1st 36 platea chilling 3 set. Babbut - our formula 8 plates Giarit small plates small tit-20 Bertaberry iż. 24 Main drive spraket of Grant plate bolls, no Thrust plates short st , Buckets . - - No 1, Elevator Stud collars for reveting to buckets \$ 24

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**************************************	From the Laboratory
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Seite dates Sissem Newtons * From the Laboratory . Trom the Laboratory Thomas A. Edison. Thomas Å. Edison. 9 Grange Ny Way Win 10 Grange NJ - West win Conveyor 445 + 6. /Extra armature No 12 Field were Belt for and dun 1 shafts _ 1 3015 12 sets Corliss 4 12 ! Safety fuses / Washers, pins zle -1/2 Sup Battery for Gello - Double Supply 50 X100 / Rails ft Dryer-Crashing plant 150 75 150 feet buchon rope Dryer plates one box. / Roller feed 1 Ex roller

. Trom the Laboratory From the Laboratory Thomas A. Edison. Thomas A. Edison. <u>Orange; N.J.</u>. milliteed 60 anda Botto +appliances for 1 Extras 10 500 Carbono for Inc are 2000 24 sheaves 3 A 2000 500 X100 Dryer will 1 -Safety po Extra plates Gax full-1 Extra non Gevel gear 3 Hich 3 set 1 set Extra wood teell for Gevel gears Catra bevel gran " Roller feed roller 1 Statisting Hor per cylinder porton etg 1 set grate 6 and fine coal 15ct 1/2 set 1 set 50 mesh severn plates Extra rope for sheave 12 set Severu plates over 1st 3 High Driving betting wall

Editor Holes Editor New Holes Laboratory of y 60 1. Este states Show Seed took " From the Saboratory of 3 . 0 1. Thomas A. Edison. Thomas Å. Edison. 13 Orange N.J. 14 Grange N.J. Extra ampermeter broides sland and my met Conveying betting u will -Stolectors Fuses for will 1 .. ? 1 Extra main drive bett french betra dron Hear long Extra armature 16 Dynamo come for field 16 " 1 set grate baro Porler arentun Nº 20. .. U .. Babeock field were gange glass Porler Babrock 24 Extradrium Getts ditto,

Extended on Security Security Laboratory Subsentitions Subsentition From the Saloratory Thomas A. Edison. Thomas A. Edison. 15 - Orange N.J. 16 Grange N.J. and Light Cord Mine Houst. Extra hoist block. Rope . Incandercent Sockets, friction otrap 6locks Switches old Camps for magnets Elevator grease , galer grea 24 1 Bearing gre 12

Edison Portland Cement Company Records Plant Operations - Construction Notes (1899-1901)

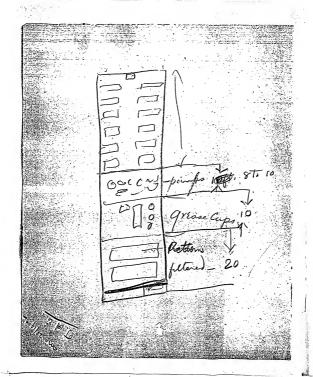
This folder covers the period 1899-1901, but most of the entries are undated. It contains unbound notes, drawings, and calculations by an unidentified author relating to the construction of buildings at Stewartsville. The one selected item is entitled "Data for Plant —Given by Mr. Edison 4/26/1."

626 - Data for Plant lumi by Mr. Edman 4/26/1 For. 4,500 While Capacity for day Regimed 6 Rearter at 750 bbls. for hour, each. 135,000 lbs. for how requiring 45 bluss at 3000 lbs. for hour each. 90,000 lbs. for hour requiring 30 bluves at 3000 lbs for knowled Plant is to be new at first on 1,500 bld for day capacity Ullimate capacity to be 10,000 bbb. for day. (above figures show That on farming through waster 1/3 The weight in last.) 90,000 lbs. x 20 hours = 1,800,0 allow for Blower Ho 91 - 4000 lbs. per hour per blow

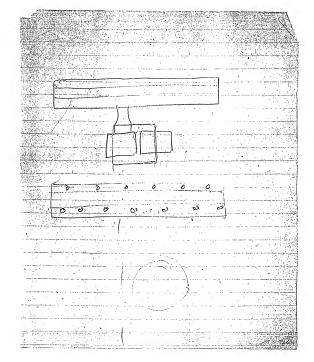
Edison Portland Cement Company Records Plant Operations - Notes, Lists, and Drawings by Edison (1900)

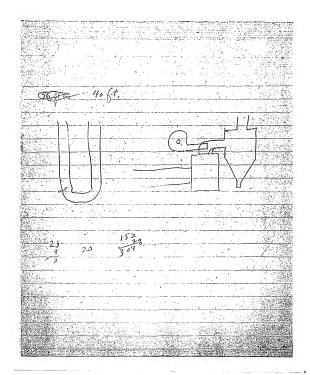
This folder contains documents in Edison's hand pertaining to the Stewartsville works. Included are notes, drawings, calculations, and an enumerated list of instructions. Also included are a few drawings in the hand of an unidentified draftsman with the initials "M.T.W."

All of the documents have been selected

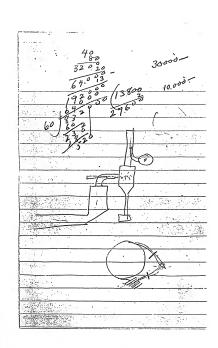


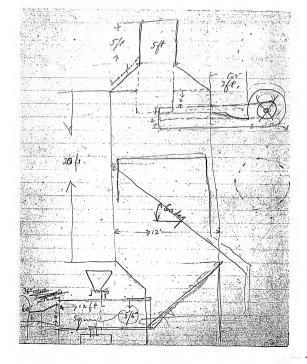
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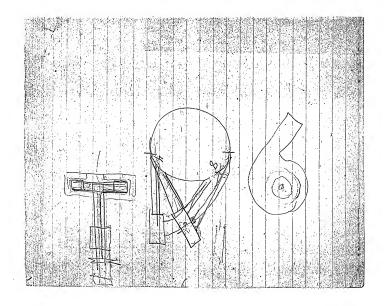
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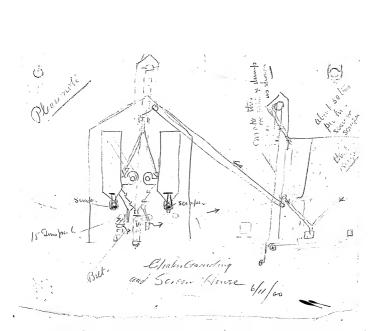




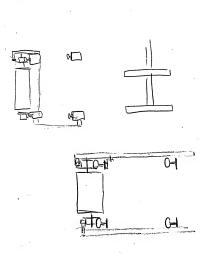
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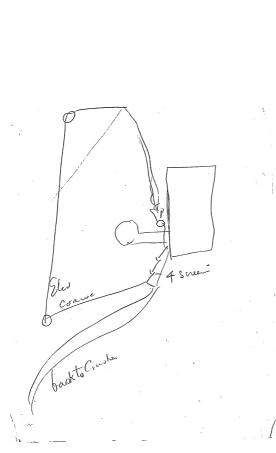
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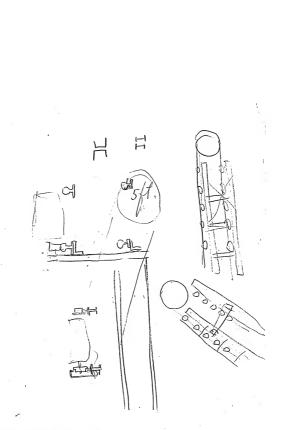


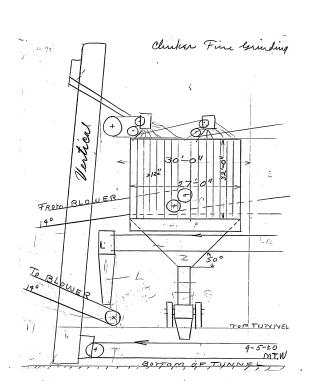


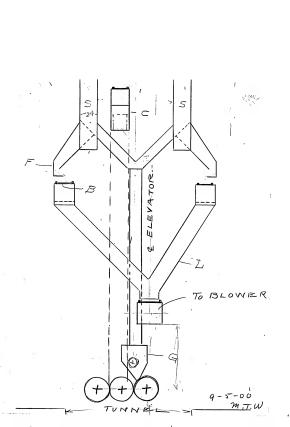
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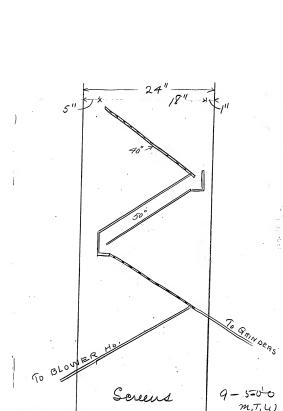


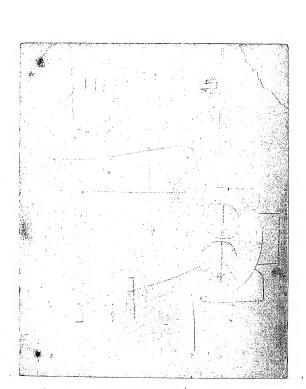












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360 The wood or Chief head a tail 39- There will be a grant Julleys of the Conveyors at the Prys quantity of fine land must be well setured cettering blow out by the Extraveter with the hail they might warp at the top of the Drya barcer = The Georg high of rather gritty will feld at all over the 37= The motor driving (hetop of Dryer energy shalled 62 yand - of Amay be recovery to pos a sicciting bower ! Dide of the building = the same as we have the again to formed the large 18= The Organ Gucking wice patercles to seech conice be very smace for to Keyth the float dust gos away but if locked to the Dryer The gralling particle are 60) for the Rail on a wet day of chauch be strong Enough also for the Locamatine alto) also for the Locamatine allower of the age,

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450 The Buffala Exhaustina Wishacehauc consider a 60cm Ogden war Pro Duracet brouble from wol fine or sticking thickefore required what to the delivery Galt and Top Jower I Khink we obrued of the Crude Stock house use a size (reger where the Kinks oil the 2 passifly Whis wider hour To bullengo occur- at the Extreme "Gasporene a duran End cohne Cho Gelf Jopa direct by meater lovery le there well a livery 62 more Waln Carled Grounge or less fines dup 066 Ch. the motor of off ordering 620 Fago drint cilo otrola quite a d'actorine away house In a pilo by itself I propose contitue we from the 6 Cower = mix a pole by the sound Kejarding dust and to Gelf to clean this out -Chowarda Omace Roat my it with the pile we are ! wexay the news will conif Ge to y; Could be commet, I Co whoff to blow motor he mocood Mate 60x+

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Crud stock how a invite should be rather most was action of the oracle was come of the contract of the contrac

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· 47 - The runway = sor

50. The furnice for complying hat our to the street home 101 should be arranged for could be arranged for children graces our Christian of pression of the fire but the grace have lift might offer the grace have lift the fire otherwise Use Coal deleting

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51 The grate bans should be made as no 2 buckwheat authorach com

52. The Exhauster at the end of 1701

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54= That the rape on chesides of the Gett convey and shall work ok when making the doubt co turn I think we John make all doubte turn pulley, which act like an under taller growth for the rapes

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60 - Ellink that chile's under 30 . 56 It may be that the Cornegated atock house can now 52 placed Trova Stock house Not shilled be 15 to 20 ft apartgalvanyad + the possibly painted in addelian 61 - The block house worth on account on acasand a fi- the warm mout of the double bets on top will have ai - morde to 62 redesigned - also the Tunnel to be widered although 12 ft showed 57 The sampling device can now be placed at the top of stockhouse when belt delivers from Byes. be mough for Obach 'sells if the spotute can be an angel 58- I think a single rall well Crock of fore Energy a to 62 The parties of Itano between Cause to perfect, destribution Ench pile can whow be brought This will simply by matters up Even with the sides of the Stone work forming the sides -59-002 may posselly want and char This will greatly shorten the pampler lost End of belt going length of the stock house for mying the piles without malarally decrease to Capacity I will also dimed the ofmitter of chates

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ble = We should arrange our Malons of that if poor ible the Walches will be in a clear space pier of density for instance in a belt runivary it will be very dusly and possibly The span shrift am be thended with a chamber with a door so inspector and go in a close door - 81c. I have so Especially necessary over clubes grandy a Kleoneon house

67 Where we cannot practically get oil pipe line or separase will be too great to get it is a point up a board supply can point up with 2 tanks + a small pump like water automate scar when we will be formed when the first the beauty with oil the first the second than the first the firs

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Atewardsville Writer Less than, 2½ grains Solids - Mallon

Edison Portland Cement Company Records Plant Operations - Corrections (1901)

This folder contains three copies of an undated, enumerated list of instructions, possibly written during 1901. The one selected copy is a typescript with notations by Edison relating to corrections needed at the Stewartsville works. There are 76 numbered pages; pages 27-28 and 67-71 are blank.

to. 1 counter shaft. Two pulleys are to be located on ab ft, each to drive a 75 Kilowat General Electric Cultipolar Dynamo. The belt speed to be not more than 4200 ft. per minute and not less than 3800 ft. These pulleys are to be wood lagged-using the flattened countertore and washers. Puple wood to be used. The bolts secure ing the wood are to be of such a length that two 1/15 washers can be put on inside the pulley and the end of bolts slightly riveted over. The keys in these pulleys are to be fitted so that a set screw shall not be necessary. The crowning on the wood should be a little more than usual with similar pulleys. On each side of the pulley to hold it in position on the shaft is to be placed split collars bolted and sunk 1/16 in the shaft. The bolts heads are countersunk in collars and not project. The bolts are to be secured by a close fitting cotter of ample size. It is probably the best to turn the recesses in the shaft and also face off the wood while in place on the shaft. It may be necessary also to face off the ends of the hubs of the pulleys to permit the collar to be fitted properly.

2nd. On No. 1 counter two other drive pulleys are to be located for the two Crane Lynamos and so located that the whole of the Tynamos shall be in the most convenient position for the attendant in charge and also with a view of the necessity of a quick removal of armatures. The two drive pulleys are to be wood lagged and provided with collars sunk in the shaft just the same as in No. 1. These pulleys are to be put at the ends of the shaft as the power required is small compared to the two 75 Kilowat Dynamos, the belt speeds should be not more than 4200 ft. per minute or less than 3800 ft.

The Dynamo pulleys should be changed to give the right number of revolutions with these belt speeds. The Dynamo pulleys should be wood lagged with ample crowning and bolts secured by washering and miveting.

3rd. The arc of contact between the main drive pulley on No. 1 counter and the belt is small and in calculating the various speeds it might be well to increase the diameter of this pulley, thus lowering the speed of the counter shaft, which in its turn will necessitate the use of larger pulleys to drive the Dynamos. The main drive pulley should be wood lagged with collars the same as the other pulleys on the shaft.

4th. The two end bearings on this shart should be made upon the pattern to be used at Cement works-this bearing contains thrust collar inside, which is continuously ciled and will serve to keep the shart always in position. It also has sturring boxes. all the otter Graning to be Cement a pattern with Orifling Gorico without Thrusa Collars.

5th. The oil system is to be arranged first by rendering the outer casing of the bearing oil proof. Then the unions and fittings are to be of the character which is to be determined by experiment at Orange. This shaft is to have a separate tamk placed in the most convenient position possible and at the least practicable heighth above the bearings so as to have the lowest oil pressure. The drains pipe receiving the oil from each bearing is to have a dust catcher, holding about a pint of oil, just up the bearing, so that the dirty oil flows into the receptacle, the dust settles at the bottom, while the used oil flows out higher up and goes into the main return pipey Edison will explain it. All the pipes are to be secured with wrought iron pieces made several times stronger than we have been in the habit of using and so anchored as to be secured to the nearest solid point possible. The jarring of the shaft bearings should not be communicated to the oil pipe system-connections between piping and jarring machinery to be made by approved flexible tubing such as rubber pipe with canvas layers or metallic flexible tubing-as few fittings as possible is to be used. The piping system should be laid out and put in in a good mechanical manner. The tank should be of iron and supported on a strong substantial staging. The pipe for filling run to it and an overflow pipe near the top run to the return pipe of sufficient capacity to take out oil somewhat faster than it is possible to pump into tank by the pump; as the latter has considerable head it may be necessary to pat a valve on so the person filling the tank can only put oil into the tank at such a rate that the overflow pipe can take it away. The object of the overflow pipe is to make it immossible to overflow the tank and waste oil. A glass gauge should be put on the tank so the attendant in charge and the oil man, can see when to fill it. This gauge will also give some idea of the amount of oil being used. The gauge glass should be put in properly so as not to leak or break by expansion. The tank should be closed with an overturned air yent so dust will not get in. Nor No. 1 counter shaft three (3) bbls. capacity will be sufficient.

6th. The four Dynamos should have good stone foundations, upon which the wood frame of the Dynamo is to rest. The rock for these foundations can be got from the horser which forms the right side of Ogden cut near 4 & 5 Conveyor. Portland cement (Vulcantie) is to be used for mortar, three of sand to one of cement. If there is no rock within reasonable distance from the floor, go down 6 or 8 feet and put in broad concrete bottom one foot thick, made of p.cement 3 sand, 5 of 1" rock from Mo. 1 stock house and lay masonry on this with proper provision for anchored bolts for Dynamo wood bottom

7th. Should the main drive belt to No. 1 counter come too near the earth under the floor, dig it away to give ample space for the greatest sag possible, and in so doing look out and not make a water hole. Look out for drainage.

, see the garage

8th. A good strong pipe railing should be placed around the hole in the floor of the Dynamo room where main belt comes up. Use no idler on this belt.

9th. The oil system of No. 1 counter shaft should be extended to the four Dynamos with the same precautions noted.

10th. The partition between the Engine room and Dynamo room of Crushing plant should be removed and the roof supported by a truss so columns can be taken away.

The switch board should be placed on the side wall.

lith. I have spoken of using the shaft already used in No. 1 counter, but it may be advisable to increase the size of the central part upon which the main driven pulley and two 75 Kilowat Dynamos are to be put; 5" is none too large as there will possibly be 175 to 200 N. P. on at times.

12th. The flooring of Dynamo room should be fixed up after everything is finished and the doors should be self shuttings in fact I think the door next to Mill 1 should be <u>closedditogether</u>, using the door on the West side only, as the attendant constantly leaves it open when dust of Mill 1 is pouring into room. 13th. The steam pipe from Glimax boiler and from B. & W. boiler where it passes into the Dynamo room and across to boilers and to No. 1 Corliss, should be considered and plan devised for more rigid securing of same, for better lagging, for good joining and better housing with walkway and better bents and stouter trussing, and also diminution of vibration where it passes to the Corliss Ho. 1.

14th. As dust is one of the worst things we have to contend with at certain times in the Engine room, the enlargement of the gunny chamber in Engine House should be made and the Motor and fan arranged in a proper manner. The Motor should work the fan direct without belting and be equal in capacity to the fan in the french Engine House. All air that somes into Engine room, should as far as possible, come through the gunny chamber. Necessarily where the drive belts, from the No. 2 counter, pass out of Engine room, there will be holes and some dust will come in, but this can be very much reduced by making the apertures small and put a large bearing self ciled idler on the edge of the aperture on the slack side, so belt in flapping or sagging will strike idler before it will strike the edge of the hole. Canwas top a Cattern Can take place.

15th. Flow dust does not appear to cut engine parts, but only large stuff or grit-as this does not float upward a great many of the engine parts can be protected by thin sheet from: for instance, the slides, ways and some of the governor parts. This should be done where it is convenient and not dangerous.

16. The floor of the Engine room should be put in good condition; some of it has thin boards where plank ought to be.

16 2 = The put of flywheel should be cleaned a dull hale borst to No 1 Elev put to drain water = The piping under floor should be unsatigated a necessary change.

17. The hole in the floor where the two main drive belts come up should be surrounded with a very strong iron railing secured with great firmness. Not to the flimay floor but to commentating more outstanded.

18. Iron ladders should be put on each bearing pillow of counter shaft No. 2, so the oller can without danger or fear, have easy access to the oll feeding bearings. It may be necessary to have sides to the ladder like a gangway to make it more secure. If it is not made safe the oil man will not properly attend to the oiling of the shaft.

19. The indicator rigging should be fixed up on both high and low cylinders so cards can be taken every day, if necessary, as hereafter I propose checking the coal consumption by cards.

20. If there is any way to drain the wheel pit of No. 1
Corliss with pumping etc, now is the time to propose plans and ways
of doing it. 'See 16 1

21. Investigate condenser pit No. 1 Corliss and decide what is to be done if anything.

22. The tremble in water separator and pipe from there to high pressure cylinder has got to be stopped absolutely by steel.

23. The jackshaft No. 2 must have all its pulleys wood lagged. The bolts on the wood lagging must be washered and slightly riveted over so that nuts <u>cannot</u> get loose. The pulleys are to have their keys <u>fitted properly</u> so that a set screw is not necessary. On each side of each pulley there must be split collars sunk in shaft and the bolts of the split collars countersunk and bolt cottered strongly. Perhaps the sides of the pulley may have to be faced. On account of changing the drive of intermediate roll, a new piece of shafting must be put in. This will render coupling now in <u>unmecessary.</u>

24. On the ends of each part of the No. 2 jack there must be a bearing with thrust collars (cited) and inside the bearing to prevent the shafts from moving in either direction. After the bearings one to be Cernent to bearings and the standard of the standard without literatures of the bearings and the standard without literatures.

25. Tightners on main drive belt is to be taken out.

26. Regarding the frequent occurrence in the inspector's report of oil running out of bearings, notwithstanding the oil drain pipe is clear, there is no doubt it runs out on the top of the shaft and therefore the regular commercial bearing with ball swivel babbitted shells should be fixed so there is a sorewed up stuffing box end on both sides. Will take this matter up later, but such a change in the bearing must be made, as we cannot afford to lose the oil and beside we do not want to have elevator buckets used all over the works as drip pans to catch oil which a stuffing box end on the bearing will prevent. In one case at Giant roll one of these drip pan elevator buckets was used and it being nobodys business to empty them, it overflowed right on to the drive belt. The inspector reported it several times, but it continued right along, —

26 will be fored by descarding Ball brang trong Cement Co.

Wr.

27. All the bolts in the barings must be washered and riveted after the shaft is run and found to be in line, but about three 1/16 washers are to be used and then riveting. In case the bolts are too short to dorthis, put in longer ones. How long said them aff

28. The oiling arrangements on Corliss No. 1 is to be looked after. They are not perfect. It to be Land out in draughting room with details so pipe man must follow orders

20. Belt running fran No 2 grack to No 3 Jack to 65 24" belt welcood of 20" as now —

...

(7.3)

31. Intermediate roll floor is to be dug down about 1-1/2 to 2 foot and concreted. This will prevent dirt from accumulating up to the belts and give easy shoveling.

32. Intermediate roll counter shaft is to be abandoned and the rolls driven direct as per sketch in hands of Mr. Herter. The driven rolls on the intermediate are to go to the shop and the crowning turned off-flat countersdake put on rups and wood lagged with maple with bolts washered and riveted. As the pulleys have to be set outwardly several inches from the roll to permit the drive belt to run without touching the giant roll columns, it will be necessary to take out the present cast iron extension upon which the rolls are now and put new and larger ones in.

The idler for the intermediate drive should be 48 inches in diameter instead of the small one now used, to save the belt hooks from pulling apart and this idler should be wood lagged, with the usual precaution of washering and riveting the bolts. Doubtless a proper sized pulley can be found among the large number to be discarded that can be used for this purpose. This idler should not be overhung as now, but to be put on a shaft with a fitted key-without set screws and secured in position on the shaft by collars on both sides, sunk in the shaft. The bearings should be cementCo bearings with thrust collars inside and oiled-and bearings either on iron or masonry so there is no possibility of moving. The crowning should be liberal and the alignment with the rolls pulleys perfect. In securing bearings to masonry-cleaning away dirt should not be lost sight of and foundation bolts must be cottened or otherwise secured. about it to found that it will be difficult to put these bearings in connection with oil systam

54. The oil casings on both intermediate and giant must be fixed so that they do not leak, but how to so it will be a matter for further consideration.

35. The Inspector reports from time to time that the door on South side of hopper needs repairing. Investigate this and see what is the cause and if this door cannot be made so it will not require these repairs.

36. Inspector reports that heavier weights required on cord for protection plates. I suppose the usual small sheaves are used causing great friction-investigate. The probability is that if a proper diameter sheave with bearings were used, a light weight could be used and the man would not have to strain himself to lift the door what so the unatter with a pulley block uncleaded of averaght which so we the way of

When crushing wet ore it backs up the hopper on South side under intermediate. The cause is that the hopper just under the two rolls where the ore strikes, has been hammered in so its dished and the wet mud not being scraped down by fresh ore, it forms a nucleus and backs up. The sides of the hopper is all right, but that part of the hopper directly under the gap between the rolls must be of chilled iron 5 inches thick. This chill must be of the same mixture of Saulsbury iron as our roll plates are now made of, which will give a chill 1-1/2 deep. The plates must not be warped, but must be flat on the chilled side and Sturtevant must be told of the absolute necessity of having them flat. The plate should he putting somewhat likersketch log. I notice that bolt heads stick up out of the steel plates-possibly they are lag screws holding plate to the wood. I think countersunk bolts should be used riveted on the other end. It is important that no bolt heads stick up or anything to retard the ore or act as a nucleus to start a block. The chilled plates would probably stay in position without bolting, but it is better to put screws in the under side and secure them so they cannot work out. They will be bound to do so owing to the tremendous and continuous knock, so extra precattions should be taken to prevent it. The reason I make steps and these steps down towards the delivery, is because it would be impossible to get the plates all flush and a step down will never cause a block if the angles are right,



38. Bolts and rivets in both the hoppers of the giant and intermediate are constantly reported either out altogether, or loose. I see no reason why every bolt should not be reviveted--why rivets get out needs investigation, in any event, it must be stopped.

39. The idler of the giant roll is difficult to oil-self oiling bearings should be put here with wool stuffing box as the floor shake is so great that no oil, soints will hold. Split collars on each side sunk in shaft and also oil thrust used preferably inside bearing.

40. Olling system on giant and intermediate is to be rearranged papes to be secured absolutely from Jar by locking to immoveable parts and connected over to Jarring parts by approved flexible piping. The sight feeds and oil pipes leading thereto to be rigidly secured to stop vibration and approved union and fittings used resulting from the Orange test--dirt catchers to be attached to waste oil papes.

41. Friction bands gone over-shoes examined. Pointer is reported by Inspector as breaking.

42. Inspector reported several times that the levers used for starting rolls had to be sharpened--why cannot a piece of tool steel be welded in ends and slightly hardened so the men will not take so long in starting rolls and do away with the constant sharpening?

45. Bracket for supporting grease xDPMX on giant roll is reported as getting out of order. See if this cannot be fixed once for all.

44. Inspector reports on giant roll says; piece of wood used to guide roller feed, wearing on belt; where is this?

45. Inspector reports that stones throw out of rolls and get on belt at giant rolls. Investigate this and get a permanent remedy.

46. Inspector reports that the oil getting on giant drive belt comes from friction pulleys-see if this cannot be prevented. I think some comes from leak in outside oil casings.

47. Inspector reports screw broken in lug securing cheek piece on giant rolls East side. What breaks it and how can it be fixed.

- 48. Better guards for the man oiling glants must be put on. good, big, rathreng with sheat wanto protect him from rocks flying out,
- 49. The oiling piping at giants should not be supported from floor above, which is subject to jar from landing of skips, but it should be secured to large girder upon which giant bearings are, by very stout nonvibratable supports.

50. The guard door of the giants has wire rope-sheaves and counter weights. They are in the way. They complicate an already complicated place. The supports of the sheaves are on the wood floor above, which is subject to removal. Something better must be had. I suggest that a 2 block rope block be used instead.

51. All the bearings of the roller feed under intermediate should be changed to stuffing box and self ciled bearings with large capacity for oil. It may be that this cannot be done; in any event the best change possible should be made to do away with the present ciling system, which is wasteful of oil and entirely ineffective.

52. The devices and shafts and drive devices of the roller feeds, both bottom roll and retarding roll, should have split collars sunk in shaft and bolts locked.

53. The chain used now breaks-we should use a heavier chain so that it will be strong enough to break any rock that tends to wedge in and stop the roll.

54. The rivets of the hopper dipping towards the retarding roll comes out. This must be stopped.

55. The clutch of the roller feed under intermediate slips out.
The cause should be ascertained and remedied so it cannot occur.



56. The roller feed under intermediate is to be driven by a motor and it may be possible that the clutch can be dispensed with and the feed roll controlled by a starting box for the motor. In fact, I think that is the best way, as the speeds can be controlled so if the ore is wet and slippery and tends to block rolls, the speed can be lowered. Another advantage is, that the feed roll and elevator No. 1 motors can be thrown by the roll men simultaneously without complicated roges.

57. Inspector reports bolts loose in both feed and retarding roll. This should be stopped. Also that chain catches in oil cups of elevator No. 1 and suggest guard be put on so stones will not get in between chain and idler.

much stronger-possibly this central chain could be dispensed with and some other means devised for driving retarding roll. Investigate.

Inspector continuously reports bolts loose in this guard.

59. Inspector reports that corrugations nearly worn off retarding roll. Investigate and find out best thing to do-does it have
plates? Were they chilled? That stones are wearing retarding
roll.

60. All bolts in bearings on this roller feed and all other bolts connected with the whole arrangement, must be absolutely secured as the roll is much neglected.

61. Inspector reports gear wheel broken on roller feed under intermediate. What gear is this and what caused it to break?

62. Inspector reports angle iron loose on plate over retarding roll--that bolts continuously get <u>boose</u>.

63. Are chilled iron mlates in delivery hopper to No. 1 elevator desirable?

Bars are bent on gate of roller feed under intermediate.

65.

25 6 10 .

Elevator No. 1 is to be motor driven -- The motor must be locked to the eleavtor by steel, at purion end at beaut Elevator must be lined up and its top end supported by steel and masonry to the earth independent of the rolls. The tracks are to be lined up properly with 1/4 side play for bucket wheels each side--This track must be secured absolutely--Before buckets are put on every bolt drawn up tight and see if alignment is perfect. Coment Co Style The bearings must be changed to dust proof, A The oil casings on gears gone over and made tight so there is no leak and an iron middle put in casings split with stuffing box with wood so no dust gets into oil casing. All the sleeves are to be taken to shop and sized as to width and to gauge. The extra clamp is to be put in mext the long sleeve. The bolts securing the lagging on top wheels are to be riveted. The top wheels are to have collars on each side and sunk in shaft probably one collar on the outside if room, or inside, which with the distance piece, will prevent them from shifting. The shaft must have a collar sunk in shaft to prevent shifting of the shaft itself. This might by in Gearings The other gear shafts to be treated in the same way. Investigate the ratchet safety device and see what will be necessary to secure all bolts, parts etc and if there is a necessity to shield the parts from dirt and stones. Investigate the present guards for sides of buckets at the top, also

entering and leaving end of the rails.

72. The motor driving elevator one is a large one and heavy and as it is to be secured to elevator by steel, the shapes should be strong and well braced. The motor must be placed so its easy of access and covered so no dirt can get on it or dust, which, containing iron, would soon clog the fields and wear the insulation off the armature and yet we should have the motor ventilated to keep heat down.

The starting box should be near the foreman's desk and the main break switches also there and connected to the roll mens cord, which also connects with roller feed motor.

Prequently the Inspector reports that the bottom wheels of is. Elevator 1 are too high. This due to gradual stretch of rope, but he also reports that one side was 1/2 inch lower than the other; this is due to stupid foreman. The means for adjusting should be arranged that once the wheels are level the act of adjusting will not throw them out of level.

The sheet iron guards should be put back and properly $\ensuremath{^{\circ}}$ secured.

Good substantial stairs should be put up to top of elevator and to motor, as well as to oil tanks. Ladders are objectionable. If a platform is built it should be substantial and secure. Stairs need not necessarily be wider than 18" and in some cases may be of iron.

73. Counter shaft No. 3 to have all pulleys wood lagged-bolts washered and riveted. Split collars sunk in shaft dn each
side of pulleys--Bearings arranged with wood stuffing boxes--Cap
bolts riveted--Bearings set on masonry piers from rock bottom built
up from ground below.

Perhaps the shaft does not need to be so high as now.
To have approved oil system.

Thrust collar (oiled) somewhere on shaft so it cannot move endwise.

74. First 36" rolls. Rolls to be driven direct as explained to Herter. The drive belt to have an idler. The idler pulley is to be wood lagged -- split collar on each side sunk in shaft and thrust collar on shaft -- Bearings to be self oiling and to hold a month's or more supply of oil--Idler frame to be made of steel--Doubtless among the host of discarded idlers we shall find one that can be altered. The drive pulley on the rolls should weigh as much in the rim as the old fly wheel we once used on 1st RMN 36 and arms should be correspondingly heavy. New shafts and mandrel is to be put in. The drive wheel \$6 direct on the shaft and is provided with conveniently placed shearing bolts. The gears locking rolls are on the opposite side of the roll. See sketch No. 2. Or Seumenache as puller The plates are to be one inch thicker with the new style corrugations of which Herter has a templet-use the one marked 20 inch. The bolts are in recesses with ratchet side like giant plates.

The cil casings must have recess in pillow block and <u>must not leak</u>. The cil should come out on outside of bearing—all the precautions used in bottom bearings of 3 high rolls should be taken here. The cheek plate to be improved so the chilled tips can be put in easily. One of the grars to have an easily accessible shearing bolt device.

Thrust bearings put on one side only and fastened so bolts cannot get loose-all bolts to be locked and to be very powerful.

The ciling arrangements are to be agreed upon. The bearings are to be set on cant iron planed girders instead of the I I beams.

Rolls to be set in relation to gears that the bottom of corrugations are to be as now and the roll is never to be set up. The shafts and mandrel to be made at Orange and the plates will be manufactured there for future use.

The hopper is to be investigated to see what changes are to be made. The doors sheet iron to be made so ginges don't break. Inspector reports constant need of repairs on doors, rivets out, hinges broken, thread stripped on bolts etc.

The connections between hopper and roll should be secured so bolts don't fall out or get loose.

The chute under 1st 36" rolls to have bottom lined with chilled iron plates easily removable and without joints at right angles to flow of ore or holes or bolts showing on the surface.

Inspector reports sheet iron on side of hopper wears bad. Inspector reports chute back of 1st 36 going to elevator, leaks. Is this iron; should have chilled plates in bottom; if its wood change to steel/ Inspector reported thrust bearing runs warm at times--there is no earthly reason why thrust bearing should run warm.

Should have iron ladder to hopper over holls.

The inspector continuously reported during entire run many bolts loose on plates on rolls- <u>Why?</u> Also reported babbitt loose in one of the roll bearings--We shall probably have to make changes in the bushing or get new bushings. They can be fixed or new babbitt put in that won't get loose.

Reports sheet iron wearing on roll plates.

I notice bolts heads are much worn from dirt collecting under rolls. With sunk ratchet holes in plates this will not matter, but it takes power-let us investigate and see how the collection can be prevented. Inspector continuously reported something worn or loose in hopper over the rolls. As we now dump direct in rolls, this will probably be reduced, but I think we can be change hopper so nothing will wear or get loose.

Should have a 20 who drive belt of

75. Pillow blocks after they have been run and everything 0. K. to be doweled, pigned to girder and all bolts riveted.

76. Since we are going to make iron construction for holding up rolls, the method of driving and construction of the retarding roll over 2nd 36 will be a matter of future consideration.

77. 2nd 36 roll--New oil casing that will not leak. New stuffing box bearings (Cement Co) split collars sunk in shafts wood lagged drive pulley and idler pulley--Idler pulley to have thrust bearing (ciled) to hold shaft in position and sunk split collars-bearings to be self ciling and plenty supply of cil. Hopper under rolls to have chilled bottoms. Bearings to be fixed on rolls with all the precautions observed with bottom 3 high bearing cil arrangements made satisfactory. The hopper above roll came down twice. It must be secured so this cannot occur.

Question obsoredat are uncease these
plates - therefore so are can put
in related lock for plates?

Gen Casings to have stuffing toxes
tracered strongly to frame
Support of sear family at one and now on
wood- autolitical Olice

76. 24" rolls--Shafts are to have Cement stuffing box bearings, split collars sunk each side of pulley--gears and pinion. Tightener wood lagged, split collars sunk each side of shaft-Thrust (ciled) to prevent shaft moving and self ciled bearings.

Oil casings and bearings fixed to insure no leak and all precautions taken as with bottom bearing of 3 high rolls. Fixed roll bearing to be doweled to girder-Cast iron girder not necessary with this roll.
Oiling arrangements made satisfactory and everything riveted. Solid plates used, no zine and made at orange.

to have stuffing boyes amade light at yours seemed by shronger vione 1400 about increasing thickness plates to get related forg

on 24" Rolls of a wide one on 2nd 36

79. Conveyor No. 1--Iron runway used. Belt flattened and either rope or rubber sides put on-new idlers with maple used-new self ciling bearing used-new head and tail pulleys with maple lagging-sprocket chain drive used connecting with No. 2, which is to be driven by a motor-two guide uprights used if necessary Cement Co. style. The head and tail pulleys to have internal collar bearings with stuffing boxes and to be self ciling, as it is difficult to connect with the cil system.

80. The coal conveyor belt taken out and elevator extended upward so it can deliver by inclined spout to coal bin of dryer furnace-Elevator driven by motor at the top.

81. In yer furnace house to be fixed over-the runway for old rope drive torn out and roof put over so the whale is one building. Stone wall at elevator 2 fixed up. with heard roof mode higher

81 1 - Roof of Crushar house extended clear to brygen house to utamal temperatures to house extended the brygen house to utamal

62. Purnace brick work inside fixed-air pipes put back and secured-blower taken from top of furnace and put at back if that's that the best place and motor driven.

65. Eaves to be fixed and put in good shape on all the buildings of the crusher plant so water will be spouted where it won't get
in the pits or mill.

*83 ½ Donething should be done so beet Conveying returns from 14 mesh occession that get at "

84. Elevator 2 to be fixed the same as No. 1 with all the precautions there taken, its to be motor driven. Safety ratchet put in-catra clamp at long sleeve put Me-Track fixed and aligned-Sleeves sized to gauge-motor connected so it will not be in the heat of the dryer-feunanchulding.

842 Something should be done to slop * The drip from 4 Elevator

85. Chute taking firt from sides of dryer and the other chutes which now deliver on No. 2 conveyor, to be changed so they deliver into the last dryer box, then the dirt will deliver to No. 2 conveyor with the material coming down the dryer,

852 Better delivery is needed from ballow * No 2 Dryen - 86. Pair of stairs put in so one can walk down to bottom of 2 elevator.

87. Shaker to have pinion shaft extended towards Mill 1 and be motor driven.

88. Chilled plates put in delivery from elevator No. 2 to Dryer.

89. Chilled plates put in distributor.

90. Warped plates at intakes changed.

91. Drip on E side dryer also to feed into bottom of dryer.

92. Fan top dryer to be motor driven-invassingationand-accordence to the places of places of the dual bin manages.

The track - Exphanat preparite peaces over track at as by anyte as well person dust bin to state 10 ton 4-yet dielwan by aparat to Cano

93. No. 3 elevator to be erected on line of No. 2 conveyor so it dumps in just as No. 1 conveyor dumps into No. 2 elevator. No. 2 conveyor to be changed in same manner as No. 1. Steel frame etc. Motor driven-Bottom bearing self oiler angle changed to meet new conditions.

94. No. 3 elevator to dump direct on No. 3 conveyor-to have new ropes and all the changes mentioned on No. 1 elevator-motor driven-motor positioned so it gets least dust, safety ratchet put in.

95. No. 3 conveyor to be changed to belt conveyor-rubber sides-new idlers self oil bearings-steel runway-travelling dump-stuffing box (Cement Co) bearings- shafts etc all collared and sunk in shaft-travelling pulleys to have self oiling bearing and also head drive-dust proof stuffing. Alask runway like Cament Co model at Orenge to Connect No! There were with 3 Elevand building believes Stock Hanse Town Alask Burney Walness Connect Con

96. Exhaust fan end stock to be driven direct from motor through gear with the usual precattions and self ciled bearings on gear- fan and motor. 97. All necessary wood work removed from the plant-all holes stopped up. And stairs put wherever necessary for convenience of the men-floors put in good order.

98. 1-1/2 conveyor made flat and motor driven and chutes fixed-chute lined with chilled plates.

99. Inspector reports that bracket holding shaker drive pinion gets loose-th's must be secured and riveted.

100. Fan blades are worn should be overhauled and renewed and bearings also overhauled. un the bearings also overhauled.

101. Windows repaired in Stock House.

102.

103.

MILL NO. 1

125. 3 high jack shaft to be directly connected with Franch engine shaft. The 7" main shaft substituted for the 5" shaft now there. Bearings made stuffing box style. Thrust collar on shaft (ciled) to hold shaft in position. Pulley driving 4 & 5 discarded as 4 & 5 is to be motor driven. Clutch for 3 high gears changed to suit larger shaft. Oiling devices arranged properly. Split collars sunk in shaft used where anything is on shaft. Oil casings on gears to have stuffing boxes. Stuffing box bearings used on angle shaft driving 3 highs-Split collars used-Oil thrust bearing used to hold shafts in position. Box stuffed with wool for shaft going through wall into French Engine House. French engine to be set on solid masonry foundation-Steam piping to be changed to suit and secured to masonry of walls and made rigid. Joints scraped and thin packing used. Decision as to changing condenser pump and receiver to be made later. Engine room to be provided with air filter chamber and motor indicator rigging fixed up and kept ready to take cards any time. Motor to be desetty connected to fan Hall provided with stuffing 6 tramp all and

126. Oiling arrangements-Drip cans etc to be rearranged to be safer, reliable and economical of oil. outla Engue +

127. Hew bottom frame and sides and new bearings put on all the 3 highs-Wabblers put in good shape with such changes as last run showed necessary.

Syrams or homony so designed that silends resists can be put on grantely also so all 3 rolls can be timed at one

128. Dust guard over ropes on 3 high improved and properly and rigidly connected to new housings and quickly removable.

Deposit from raller feed to Roblo chanced by clearges so that no matter how mind vallo are turned down apout to delive at the same distance from centre as more with present Chute, when raller gets on all Ralls hims to act as a raller feed of drawing over up hill

129. Oil system for jackshaft-Angle shaft and 3 highs to be rigidly connected to masonry and iron and flexible piping used, to connect with jarring parts. Oil tank on next floor above to diminish pressure.

130. Long shaft driving the 2 conveyors under rolls to have oil system disented and self oiling bearings put in with stuffing boxes-Any gear etc on shaft to be held in position by split collars turned in shaft-Oil casings to have stuffing boxes.

O The best under to mesh Ralls is not to be driven by the shaft on wow augusto af Rallo but is to be Extended through to + into Mc Indivada Engua house there delivery outs a best which best is autology for the lower it moves dumps on going to be holded.

150. Good maple lagged bottom pulley put on No. 6-with Cement Co bearing and spiders lock to shaft by sunken collars-The conveyor belt made flat with rubber sides and new idlers 2-1/2 ft. apart and new bearings with 4 upright Cement Co. guide pulleys-Delivery to belt to be changed to iron and present one imitated and studied before removal so its measurements can be obtained for constructing steel one-The chute from the screens is to be discarded.

De possibly the tail pullay of 6 Conveyor should be valended of or of ft. The tail beauty to be selfarling

-44·

131. Self feeding roll turning slide rests to be used-3 on the rolls so all can be turned at once.

132. Nain share and pillers removed as awall as anyte chaff puts felled up preparating to Concreting

134. Motor and gears driving No. 6-Cement Co. bearings-Gears locked to shafts by sunk collars-Oil casings provided with stuffing boxes. Oil piping changed with the usual precautions.

135. Conveyor from 3 highs to 5 elevator to be motor drivenhelt flattened, rubber sides new maple idlers and bearings 2-1/2 st.
canters. with usual precombines about good
Ohafter bearings — This courty it have
from running to to run though these Engine
house dumping on Conveyor from Dryer

The Dryw Conveyor at bottom is to Gr disconded a aun mon running Gett Conveyor run from side of Bryes + damps denat in Eles 5" like 140 2 Eles

136. All other conveyors in millito be motor driven conveying

belts flattened with rubber sides-maple idlers-new bearings-Idlers 2-1/2 ft apart on top,4 ft. on bottomThe head drive gears and pulley to be on a cast iron frame-Cement Co
bearings, Frame on I beams xmxxxmx upon which motor is secured so that
motor and gears are all locked together by steel. Guide belt uprights Cement Co style-cvery 25 ft about. Oil casings on drive gears
etc to have stuffing boxes. Where tail pulley is not convenient for
oil system xxx the bearings are to be made self oiling.

136 2 New roofs over whale of Mill 1

Except High 8" + 4" magnet building

Space between Engine House so borler horized

of Mill immishinated reached as to the

burg closed of left open + Eares fixed

137. Mugwamp belt to 50 mesh 5 high to be put through continuous if possible-belt conveying returns from screens to dump on Mugwamp ball by reversing its discation in the angle is sufficient.

be carned through Continues to 50 Mesti

138. Annex building to be arranged for 4 (or 5 if possible) belt separators, scraper in dust bin to be extended whole length of building to be the separators of the content of the separator of

Belt machines each to be motor driven-no clutches only starting boxes. Belt machines to have sunken collars-Dust proof bearing and of self ciling character, if possible; if not oil system can be extended thereto.

139. Rlowers to be run by motors direct through gear, 2 blowers to one motor. Motor and gearing to be easy of access by fixed stair, dear casing used with stuffing boxes-all the usual precautions as to sunken collars used.

140. Roller feeds of 8" magnets ninvestigated to see best manner of motor driving -- ditto roller feed of dust bins.

141. New chutes and top magnets changed-1st bank and 4" mag and tests made with concentrate saved to see best results possible. When 0. K. change all the other banks.

142. Metallic parting boards put in on 8" and 4" magnets. 4 12"

143. Belt going to No. 2 stock house to be motor driven in the stock house itself-self oiling bearing used.

144. Exhaust fan 48" diemeter put in No. 2 stock house, Motor direct on fan-Self oiled-blov towards sand house... The lightenistis to be top of dust Calcher house, a worm

145. Fan in dryer 2 motor driven-Roller feeds in dryer taken out and plate distributor put in.

. .

146. Dust catcher and high stack used at 2 dryer-pust carried by conveyor to amex so dust worked through belt mechanic and the beauty of the b

147. Elevators 4 and 5 lined up-new tracks put on and motor driven as with Nos. 2 & 3 with all the precautions described.

148. Sand house motors to be changed so conveyors have cast iron ends for gears and I beams to look motors with it.

+ viululalad -

149. All deliveries to conveyors in mill to be left as they are and when motors are on and ready, experiments of actual runming with some ore to study deliveries to get least drip, will be made and when finally decided on the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with accident of the deliverers will be made of iron with a contract of the deliverers will be ma

150. No. 6 conveyor to be treated the same as 4 & 5 elevators-in respect to motor and securing shafts, stuffing boxes etc.

151. 4 & 5 conveyor to be motor driven-idlers put on whale
length 2-1/2 top 4? bottom - new bearings old idlers and bearings removed-and new leaky idlers are lighted at the leaks-starting
box used on motor. 50 tourseyor can be gurin any
april - Unites under AD | Stock house
to be acif closing -

152. Worm hoists with motor put in and fixed up in good shapehouse fixed where they are put.

De Present single I beam horst discarded and double I beam used apread whate wealth of opening with welly running on them

Open ends end of scrapers head 4 & 5 elevator closed---

153.

154. Drain from foot of 2 dryer opened and made so a person can walk through from end to end. + made to drain Mark Eng Herrythang in Mill I - dry wall

155. Roller feeds on 14 mesh screens motor driven.

156. Oil system rearranged -- Lot unnecessary timbers taken out of Mill -- Dirt floor levelled and concreted flush with top of sills, so cleaning will be easy.

157.

Screens and roller feeds over 14 mesh 3 high abandoned and made a plain hopper. Controlling devices for alopping fresh in bim lated out - They screen topp af 14 mish Rale bim taken out

158. All the movable things on roller feed shafts above 50 & 14 mesh locked with collars sunk in shaft-Bearings to have stuffing boxes.

159. Sand house elevator put in and screens and spouts-all motor driven.

160. 14 mesh magnets to have metallic parting boards.

The Center line of position posts under magnets between which all Conveyors run to be removed at everything surfacing on I became rucking from posts of building of outer row of posts

161. Feed holes on 14 mesh screens to be of thin sheet steel.

162. Ouide pulleys etc of rope of 3 high rolls to have self self oiling bearings. + arranged to have and Cylenders shown on floor unreducted above 3 Highs trad as now.

The to first wheels guiding rope to be accurated to now removestly commediated to too of Rolls themselves.

165. The small piping in B. & W. boller is blowing, leaking and rusting the main pipes_lagging is not in good condition—The wood roof is bad-Investigate as to plan for iron roof and fixing up piping and concreting all bottoms—also pumps and piping—4764f if made of iron should be 8 or 10 feet over top of bollers—wood roof is dangerous now. Say Even with Engune Hernes.

164. Dust collected W side of final tail best has to be wheeled out back of B. & W. boilers-Hereafter this dust can go on final tailing belt and ashes also.

165 = The Conveyor belts runnings under 14 much Magnets 450 Mesh occan to be man, Cement Co style -

165. The light in mill 1 is very bad, due to a wilderness of unnecessary timbers-Investigate with a view of putting up some trusses and possibly iron columns with view of cutting out to get light.

Out the will donly have the Z Selo of Screen Ste supported to roof all class cut out

♠ 166.

personal transfer of the second or the secon

167. Piping leading to big Mack taken out in mill.

168. House where worm hoists for 3 high is to be placed to be cut partly away and room only provided for hoists.

galvanged won tofample sign

170. Alaging for war rope drive & drive to longer 2 removed

171. Decumulated dert along return bett from 2 Dryer removed of Depen dry wall drawn from Connected to new Ecure on will a upper removay mac lugue

122.

173.

174.

BRICKER PLANT

200.

200. Bricker plant to be entirely run by motors-from big Mack now in mill 1 being placed in power house.

200/2 = Thenk roof of Muyer building Coned he mode so the one building chall make one troof brussed + then Cont properly othern heart it = 201. Boiler at Muck House to Turnish steam to Muck House and Bricker plant.

202. New link conveyor made for use under brickers and set up at orange and run 2 or 3 weeks at 4 times its normal speed and if 0. K, this type to replace the wire rope conveyors under brickers.

203. Large brickers to have the patches put on.

204. Pelt conveyor from end mixers to cooling bin made continuous-flattened, rubber sides new idlers 2-1/2 ft apart top, 4 bottom, motor driven and megnetic cleaner-iron ends I beams, gear casing with stuffing box and sunken collars-Cement Co bearings.

205. Return belt under brickers treated same way.

206. Elevator end of return belt motor driven.

207. Both line shafts driven with motor, one shaft driven and cross belt for the other.

208. Steam fan removed-the other fan motor driven direct connection of motor to fan.

209. Small air compressor motor driven.

210. 95 & 96 motor driven-House built over gears and motor.

210. Mixers driven by motors one on each end-each motor drives 1/2 of 3 mixers-gears to have casings.

-4-

211. Gears on end mixers to have casings if practicable.

212. Scraper conveyor over mixers to be changed to friction slide like that over bricker machines -- new ropes and clamps put on-- all driven at dryer end by driving the one shaft by a motor. The ends over mixers to have a weighted slide tightener.

213. Scraper over brickers each to be driven by motors on the car.

214. Main shaft of exhauster fans to be motor driven.

١

215. Water jackets and piping fixed so can't leak.

216. Long shaft driving ovens to be motor driven at the same point as now-motor connected to worm shaft.

217. Towers for driving to be removed-engine house removed.

possershy border house removed

218. Climax boiler pumps etc removed and set up in row with other climax at power station on E side.

219. Dee line motor driven with usual devices--Belt flattened mm and idlers put in 2-1/2 ft. with new bearings.

220. B line trussed and proper bents put up.

221. Belt to No. 3 Stock House motor driven and arranged in usual way.

222. Elevator at top, motor driven.

٧

223. Decide about exhaust fan top dryer 3-we shall take dust out in No. 2 Stock House hence it will only need to be large enough for dryer and not for cleaning ore-remove all complications at top and all driving machinery such as sprockets, shafts, pulleys etc.

224. Drive drip belt and elevator at track by motor with usual devices-house motor.

225. Drive belt under No. 3 Stock House by motor and flatten belt, new idlers, new bearings, self oiling bearings etc.

226. Decide on whatochanges necessary at Muck House.

220. 96 to run stronght 962 dispensed with 4 drep from screens sprulid direct in Elevator which is to be moved - all the mass afteriors work removed only large best left to support head of 96 + malor for during with shad over of the way af foromaling out of the way of foromaling of the way of the way of foromaling of the way o

230.

Nº3 Alock House to how balance roof fexed with Rubborows Tarpapents be retained - 231.

Fravilling dunger put in 3 slock house belt fexed whale length =

232.

233.

234.

MISCELLAMROUS.

250. Present carpenter shop to be changed to electricians department -- to have a floor put in and partitions made to divide it into two sections. The small section for armatures -- all steam heate?

251. The electricians sharty to be moved away towards loco, house and used as carpenter shop. One motor arranged to drive a line of shafting and the three machines run from that,

252. Foundry fixed up with new furnace and double melting furnace to save heat.

253. Very large pole line with poles close together constructed to carry wires to bricker.

254. Extra cables put up to carry current to mill 1.

255. Large dust filtering chamber put in power plant with exhaust fan with motor direct on fan used-large doors locked and bolted only one entrance and this has storm doors 8 ft. apart--with self shutting doors.

256. Pipe line to Davemport and Iron hill-to be supported at proper intervals by dry wall stone piers and pipe painted if required-joints gone over and leaks stopped.

257. All piping machinery etc removed to store room or pond along line of piping to Dayenport and Iron Hill. The Victor mine will not be worked-remove Tron, piping etc.

258. A power pump is to be put under 4 & 5 conveyor and a proper room made for it. It is to be run by a motor and pumps all the water needed- any more required coming from the reservoir.

259. At the reservoir is also a motor driven power pump-500 volt motor and 500 volt Dynamo on Porter engine ? ? -decide where it is to be run from.

to Convey coal from Caro to overso plain timbebelt scraper will probably answer

260. Drainage fixed on No. 1 Stock House, also bottom places upon which trusses lay and now rotted, to be replaced.

250 2 More drain pipe put in Valley to prevent and pile covering of

261. Pick up all piping, bolts, nuts around mill and take to store room.

262. Have steam shovels put in order.

263. Put motor on main shaft in machine shop and do away with the engine-get steam heat through pipe now running engine.

264. Fix platform beside assay room.

265. Clean out iron turnings in ammex of No. 2 Stock House.

266. Decide on what things are to be scraped and sell scrap.

267. Extension conveyor sand heap is to be arranged for.

Edison Portland Cement Company Records Plant Operations - Notes, Lists, and Drawings by Edison (1901)

This folder contains documents in Edison's hand pertaining to the Stewartsville works. Included are notes, drawings, and calculations, as well as enumerated lists.

All of the documents have been selected.

in. realing. of the D- Hab

Regarding Commit shop. The moment it is enclosed, I think the weblinery should be shipped there, and the holler and engine got under way so the shop can be steen heated, at the scribest possible moment, so majons etc. on p at foundations for tools, Darling with Seabury ach then place all the tools result for hustmans.

The corrugated from you against of can be stored in the 2nd bldc.
called the creeking shop. We shall have lots of work for the shop
and it should be got in working order at the earliest possible
time.

dist

A temporary office for the works can we made in one corner of erecting shop by a partition, when you have steam heat. Point want to erect any separate office hids, just now.

Should like prices on flat magnesia-unbestos sheet, save as used around pipes, say 1-2 to 5-4 thick, also ashestos sheet of loose character, per foot. Think price of latter prohibitory, and that the regular magnesia covering for pipes when put in sheet form will be the best for liming the inside of rotary humar to permit of expansion. I think 1-2 to 5-8 thick will be sufficient. I think the brook should be put by regular machinist, using no fire clay, but fitting the brick.

1/r. simpkin. gran 5-2)26

I have told cal Pried that you and Simpkin will keep him filled with work, so see Simpkin and have him give drawings of all those things which are experimental and must be made at Laboratory.

After the 45 ft. long runway is put up, and supported at each end with helt and idlers or equivalent in weight put on, it should be evenly loaded gradually, to get deflections to a point within the elastic limit. Then I think truss rods should be put on, as these rods, costing very little, should increase the strength greatly, provided they are deep.

This is a very important experiment, and we can afford to change and make experiments to get at the minimum sleel and yet be perfectly safe.

If we do not hurry along the rotary burner, it will be so late before we can decide to order others, that we shall not be able to get them before next Winter, so I think this should be <u>rushed</u> somewhat. It should be ready <u>not later than Parch 1st</u>. I think the whole of the cylinders for the roaster should be put in place and run, before any brick lining is put in.

I think Simpkin should keep right on with his wheel with the oil inside, and make tests until it is 0.K. We shall want to use then on 4 and 5 conveyor buckets at cement work, and also on scraper conveyor over clinker house, Cement Co., and also at No. 3 conveyor at Edison, and possibly on 95 and 96 ultivately. A good wheel is a necessity in future plants.

Look out for the followingThe experiment with the inside screen for conveying.

The 45 ft. runway for belt with belt etc.

The parts for the rotary roaster. The air nozzle which I have explained to Simpkin, he had a glass one made. The driving parts, chimney and all details, also a roller feed with positive shove for the chalk, so it will always give same amount at each stroke.

It is important that you get from Simpkin as fast as you can, the new cooling cylinder, also all things necessary for experimental roaster, so we can settle the rotary question as soon as possible, (not later than April 1st); otherwise, we will be way behind in getting east cylinders for the other rotaries. This is important.

Bagging machine.

Bagging machine to have a preliminary test, to see if it bags properly and quickly, and necessary changes made if it does not.

Then if bagging machine is all right I want it set up, and the elevator connected to it which xeeskires receives the bags as they drop from the bagger, and elevates them up to a heighth sufficient to carry them into a box car down a polished chute. The idea and sketches were given to the man who first designed the bagger.

A rough board imitation of car can be put up.

The heighth of elevator can be ascertained by a preliminary experiment with a bag going down a wooden chute iron lined, The bag holding say 100 or 125 lbs. of cement. You can find ascertain how

far momentum will carry it due to the heighth. Then, the elevator which is double chain sprocket with hooks elevating bags is an old idea with Link Belt people.

Mr. Pocht. grown Fieht 3/27

The crushing plant and 5 high should be got in running condition, to supply the material for the rotary, say <u>March 1st</u>, as all our men will be at Ogden who understand this. Cal Fried and Herter will have to take charge of it.

I suppose Focht has the coal grinder well in hand, We should have ground and bagged 20 or 30 ton of coal for rotary. After that Focht can go on with his drawings for new plant.

Focht is designing a complete plant for grinding coal for a \$5000 H.P. plant.

He should also design a plant for 25 ton of fine coal per hour for Cement Co., using 005 screens and regular 5 high rolls, as we use on cement. A single roll will answer. There should be a pre-liminary roll 36° diameter, like last 36°, in crushing plant, to break up to 1-2 size ready for the 5 high. The coal before it goes to the REMERE 36 going through a regular cracker roll, same as used in coal regions. This roll has removable teeth. It requires scracely any power to crack the soft coal, and the smallest size of anthractic cracker will answer.

Make the tools for the new idler Cearing and the

Make the touls for the new idler Charing and the

Possibly assist by making some wheels for Adison.

Putting in new tools and parts for shafting which we are going to change.

The New Separator, one section which when tested will require eight more made <u>right away</u>. The above should keep him purey.

I do not think that Shock the Chemist needs the boy he now has.

REHEATER.

I think Dickerson should return to Laboratory as soon as the air heater works all right, turn it over to Saunders and then Dickerson can resort results to Simpkine and Simpkine and Dickerson together can design a more practical and commercial one that can be made cheaper. The present method is out of question; there is fifty times too much work on it. Think it should be solit and so designed that whole thing can be made for 3 3/4 to 4 cents a nound. As to U.s size the next one is to be made you will have to determine that in connection with Saunders.

What about seeing the air car people in connection with heater, if the Jerome Park heater is successful?

The Edison Portland Cement Co.

My understanding in re. Knowlton is this— Try and get him to put temporary track down to get showel to quarry, also to build permanent trestle, also to give permanent grade line plans. Then if he want to go O.K. If he will not function do the above, go to Truesdale and other R.R. men, and say you want to get a man inguitary, (4.c.) Engineer, to construct this track, you can then hire him for 2 or 3 months, till it and some yard tracks are done.

As to building foundations, it is a simple matter to get a civil engineer to give lines of grade and masonry. Several applied to Darling some time ago who are now employed on similar work. \$5.00 per day is what they wanted.

With one good man and Darling, and with proper plans from Simpkin, there will be no trouble getting foundations ready for buildings. One thing I would like to have manue done, and that is before any contract is done, we should make a sample trial day work on dry wall work, and piers for building columns, to ascertain (before we let contract) the approximate cost.

The dry wall work can I think, after the Dago has made a 48 hour trial, be let to him very reasonable. As to pier masonry, I think you should only go into Penna. for your masons and bids. Everything around Bethlehem etc. is stone. All the farm houses are stone 3 ft. thick, hence they have a style of mason down in that region that is good and works cheep.

The Dago may not want to buy a small derrick. As these are small, and only 3 or 4 will be necessary, we could furnish them. This is for dry wall work. In any event, we furnish the stone delivered at the spot.

The large piers at Crushing Plant should be let in Easton, Bethlehem, etc., at a cubic yard price. Dont have a specification that will so scare bidder that his price will be high. If we deliver stone, I think it should be done for about \$2.75 a cubic yard.

We paid \$2.00 at mine for this kind, but contractor would want a profit. I think something under 50 cts. cubic yard can be done, we delivering stone. Pier work should be done for 30 cts. yard and prime of fill will depend on excavation.

The stone at quarry should be so blasted out, that the pieces will not be too large .

That there shall not be any misunderstanding of the parts, we intend making in shop at Stewartsville, I will write down what I think we should make there.

1st- Idler bearings.

2nd- Drill ends and assemble, and turn wood of idlers, getting shafts outside.

3rd- punch, drill and assemble all runways for belt conveyors and belt carriers.

4th- Make x x distributor on top of dryer.

5th- Make the whole of the shaker mechanism of the dryer, getting gears and shaft outside, but we doing work on shafts.

6th- Make scraper conveyor over top of clinker stock house.

7th- Make all chutes.

6th- Head and tail pulleys of belt conveyors, but gearing with motors made outside. parge bearings for head and tail pulleys also got outside.

9th- Screw conveyors and appliances.

10th- Roller feeds, everywhere

11th- Screen holders, frames and screens.

12th- General small fitting.

You will have to look out for a quarry foreman like Tommy Condon for the Cement Co., when we get working with shovel.

You might advertise in some contractors papers, mining papers, etc., the following- "Wanted contractors foreman with experience and capable taking charge of large open cut mine, employing air drills and steam shovels. Address with experience and wages required, Madox.".

Perhaps you better advertise for Constructing Engineer capable of superintending excavating and masonry work and railroad construction for a large works, state experience and salary required. You will get a lot of addresses, and some one can go and see what they are now doing, and make inquiries. Dont want a man who is not now working.

Amount of chilled work daily in foundry at Stewartsville, for Cement Co. 2720 lbs. for Edison 1235 lbs.

Bax Say 10 tons week. Nearly all in air furnace. This foundry will be a gold mine.

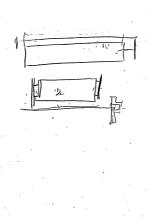
JUL - 9 1901 3 Cantyonstrike Zine Co By Balance due il 4 = What court rope claups to 5= Have con ge

6 Has BCo vien Hopfing & Standard Comments of 2 km porte & gooder &m

9 = I think now while we have . The shovel men act is good wentter we shall aponce 10 - Jehne

12 = Cohot do sprinker of Shipping Buckets of 4th 5 Conveyor to Comen's co also othe wheels for Dame from our bucket scraper These wheels are a want and for good of copet and Dailing was plenty other has forme work to do avite

[ON BACK OF PRECEDING PAGE]



Coment-Supr. 16, 190 1 - Dolly Con Rope for hoisting Cars 3 -- Selenoid- we of fine stide 4 - Brake bounds for grant 5 - Motors for Houst 7 - Paint wood busile black Satisfact on oide of hoist track for rocks falling 9 - Enque room flooring made good Condenser exposed 4 Stationay put down - From Cross over - wiede Engine room painted white will white load paint, after Everything of & Engine tested frame work a walk ways banited head color misely = Engine parts cleaned Tio Emory clatheto be used -10-Batto locked on plates before 1 wh after 3 or 400 tous Crushed -11 = Belts for driving all rolls size decided,

12 - Crowning on pulley during betts deceted. 13 = Postin of power dynamo, kind, 4 betting a pulley decented at CP main obout.

14- Final arrangement of stairs in CPlant, 15 Oil tank & piping for rolls shaft Etc CP

16 = DEcide as to Dafety rails in CPlant 17 = arrange so man can get at all right fields 18 arrange dight feeds appear all over plant also return o'clpip 19 arrange deam heating for Keeping Temp of plant a6002 35 deg-20 = Level offer Comount Gattom of CP floor-21 = avrange Electric dighting or woring also power line woring from mambhaft Dynamoto that part of the plant ten by This depranial to wit - Conveyors to a from duyer - shaker - (not Exhauster or twinaco fan these run from power statum as Drya must be started front) Rock stock House Jose Conveyors and the Gottom Mixer Conveyord - four at End Rock stock of Course Roller feed in Crushen plant a skip tip motor -22 arrange position of Matoring skep typof Resultance of Controlling chances 23 for Hoist drum Water arrange position gresistances At Controlling devices

of skip top hoist-

25 = Make plates for 36" Rolls duto balto, 26. - Dolly Car 27 = Mator for pump House 29 = Electric dight hime Dynamo 110 Velto Determine muchen of Thorned 4- Enclosed ares 30_ Power Dynamo 225 Vatto also at power station Orland amount of power recessing to 62 put on bower station 31= Travelling dumpers Chutes etc in Rock stock House 32 Rollen fredo amotoro Chutes Hoppanio Etc RockstkH, 33 = How about large exhauster fant Rock oth H-34 = Weighing House Top Hoppers - Roller fields for dette - Scale Hoppers - Ocales, Rollen (seds fund Hopper-roller fred - Motors vorice for Roother fredo'-35 Conveyor from Rock stock to top bins

36 - Chate from bottom dryer to conveying belt must be cut off + ore reversed in direction + put on beet at lower velocity - 400 ananged that if Pryer is full & plant stops them to explore the Gelt or overload to seno 37= 20HP Crocker (V running Emply Conseyor Gelt 2 hours had hot field & very hat armature Something wrong 38 = Boarings now and oraken drive at 6 attan to 62 Charged to self Orling Grange ? 39= Water driving conveyor from CP- to have. gunny chamber with area way gwing fresh aur from outsido -40 Screens wanted top dayer - Howa Gout the flaps on 1st screens close we to use them

Very stay to get at otherwise of will be reglected if

HI = I am not stuck on the position or belt during of.
The far for furnace - we shall have later of trendle work Common to be described to a tradition of the student works at can have allowed a gummy with down works at can have allowed a gummy we could run air pipes up - see me about this

42= The Crank on by gear at bottom drive will all Cutout if not proceeding

43= Showne peoposed anaugement of the . Exhauten top of Origo = well have trouble of we are not careful—

44 What has to . 62 done to Conveyor from Dryen to tower,

45 what is necessary to finished top. mixer Gelts

46 ditto auto bottom mixing belts.
47 Coshatamangements have been made for a complex-pole me about this -

48 Lo than more things to do in mixing tower 49= flooring in Dryer 50 = Howasant otains w Dryai -51 How about overflow chite for stuffreyect, d by screens + also collen dryer over flows from blocking -52 = Contralling lines, Switches Etc must be arranged in weighing house so man can start day section of roller feed or conveyor to draw material from stock house to being-53 How about flooring to string in Weighingtone 54 Conveyor from Weighing House to Byon atockhouse 55 Roller feeds, Column to under Byon Stock house 56 WholaGand the 14 616 bearings attle evanted for Rocks

57= plan of present Engine or swall at 8 Eng Awitches & Regulating devices 58 = Conveyor complete swinging in Chalk stock howe plang wanted what holds of up 59 Danling wants to Gid an Derow Conveyor How we got our bido in from others, 60. Who co to make scawhide washers for Idler Gearings - They are wanted Oupply rawhide 61= What was dieched about class Collan of Cenveyors =

62 How wit proposed to run ilone prow Conveyors to Keep ail OR - The plan w quany Conveyor at das - was poor 63 = 40 of Knownthat Elevator Guckelo well go around of dump of and 6 footlessec - all other whoch were 38 welco-

- 64 = What is present state of the 3 big Shorton, Buckets Clamps wheely Gene Caving Okapto rails bottom wheel sto
- 65 = Lo gimt + 86 Roll Gearinga woodpacked now or are Ulay to 62 packed
- 66 = Darling must soon school some wan to whom he must trust the packing of bearings = Theo man shared 60 a very intelligent man a honest \$3 -
- 67=Romember we are not to use rawhele tubes on sight feeds but rubbentubes with chath mentions - The Cocks Etc to be sent for Edward

68- Whighof close the chalk grunding Roll 69= Uf ato Engine is to 62 run condens. Will the Frag or tank at sleam here used for storing steam of preventing oscillations cut to procond water going with and Enguer () well it cit officently as a water Departer - If not 6 Etter put a water Seperator in from Edward - DE Ers These Equalying tubes ordered oput in as we first decided and I did not notice any · Saw a small water trap on NOZ Engine We deceded on a good oyed Equalyer.

71= Sundewland Jeneral Electric

want a showing of bed plate of

gume at crack to it the male to

egg Frenches Jught we decided to

use a feel Elec his In have below

get this at let us put motor in

72 = Ut dicided I think to use Rowers ad

500 Valto as the load is intermitteent

(cohot how been done Odout it woln

73= I think Parling should go ahead & Guild the one madel Dealin of the Occess of have it ready so the moment Guilding is ready we can gut I infortist

notalose walle up toget it in a

142 How about foxed dumper in Blower house No 1 + 2

75 Howa Bout dumpers over Clurker Crusha rolls

To There is no thing Coil air we wont have gone device that cohen the roadlar is making God Climber it can be should to a Conveyor of got outside Sulding that go is well molerial from the other conveyor

11 Foundation plans for Roaders,

48.= Think Roader Chimney should be twice as high as that at Laboratory + 50% less dread of lines with brick

79 = gun must not only sowired but must Como to one position where it can be withdrawn for clounny -80 Howabart advisability of moving some gun outleswing table inde pendently -81= Contral of rotation mater + cool an malor should be it gunt also stoffing of stalling oford of chalk of mind be there as well 82, I church Water shored be greated to amaxim of 2 Revolutions - + Revistain a committee to demuch open Below the 83 The Cooler should go 1/3rd the speed it now goes at its lowest spill a Thunk and In projections put in to shower the hat material though maning an put in

84 = 9 chark the bricks 40 feet on from the Chalk feed should be put in with porland Coment - Can judge This Giller after 85= Maringo complete for Coment Stock house Gulding toug Wood roof = etc = 86 = plans wanted for floor- tracks, derating pipes = Fart Scien conveyor 87 = Plano for travelling scraw to conseyor Cement to side Conbeyor -880 Zig Zag dump Extending Low from Gelt Conveyor prevent debot spread in 89 Sitz Conveyor + Conveyor to Gagging Mochine + Bolg machines - WE well use Bagging + Bblg derices now sold in market

90- flaw of the under which can run for looking
91= Are plans out for 12" scraper from Crushing Rolls of Elevator a Clurker Stock house of.

92= Stiel Structure plan wanted for Instructed Conveyors for hat clurker both Conveyors for hat clurker both Conveyors of lates of dumps untop of 130 wer houses

93= plans for Chutes of dumps untop of 130 wer houses

94= Plans for dump from the 3 Elevators

95 - Flan for full oyed roader, the 50 ft extension feed devices - gum - motors Roader, 3 mus for

but otiff-limbe to uni bucket + Everything Completo for the 2 roasters to be put in one blog

96 - dumpfor overfrom of cluber should Clurker breaking rolls shoar-97= Decise on RR tracks us or and A first ... of 5 = The adoption of self orling beauty has rather thrown out out house plans I think WE can use present onlhouse for office quony room & build a amalla building moving the maching: from Edward @ Vanks Jumps & fellers disoving roomy 3 times the fellers + this will be sufficient for our purposes frave a lot of money

99 = I think we show collect the Belt WE wand from Edward whip to Stewardsville - # WE should order two splicing machines one for 36 uch or one for 24" + Then take out 620 Splices & put u newsplices make up such clay the as we want = Those Can be stored in one af the completed buildings of them gradually put on the lami Eyons Coherelley are beller of than of raced up = 100 = Rubber sides should go on Loclowing Conveying CP to Dryei - Dryet to Rock Stock+all the betto used theo way up to little Rocks

belt inda I tille rock stock to top Blower Jop blower and return Gelt = Conveyor from under Clenker stock of un man tunnel to Elevator, all other Getts have no rubber sid es 101= Wollary to get ace Caranaguis daladpride of Bagging 103 plans of Oulpipe, position or tanks Attim Oil surp & pipes phousable load out a structure for holding tanks They must be all averflow felling truk of Line so man can control

104 In laying out oil pipe system remember a pleasure or water suit is a poor oil joint sunclest number, jouts posse ale to be used Cal fried works tools + got are four olyte jourt- see him = tank ohourd Ge gostions) that there is just out from the ad at 35 day for to do the Gy +no was as heavy prossure makes leaks up pouts gogliffod these - The oil pipes must not by flatered to machiny or places where they receive Jano Cont factored to sold things a Connection to joining them made through cloth meant rub Ben tub A Edwar WE used a sceam fung of O'l house to I Chink we should Change pump to water driven

105 = Weshall have to heat Och house to so at all times to get grack felling so bulding should be warm + possibly Otean heated = I deslike to run a puroteam bipe way over from Coilir - There is so much love -WE wonderme bloom to clean futter 6 - go Howwood it do to runche steam of on the Shap plant, or gut un a graffin house he ater we will discuss this 106 = Weshoulder weathe suspert of water closest & wash places Almuggle cleaning for the men in mice this is almay or land thing rohowed be worked out?

Carefully - as well as water for druking in mels revelling muzzkes when made

107 - How about idler - head offiles sincleys

grave - stands bearings ato for the

extra towns your "Coal graving

grant = grave we betterput in a 30 foot

3 dia ty could at airgle + funce

to dry Coal now while we are at

it as weeth a ce care and

Coal plant = Oth house Etc
110 = What is be Done with 24" Rolls

from Edwar - guerai repairs etc
to house coat street game. The space gray
to race Sil and be got from Edwar

109= What is Cardition affl and of

Dec Elism -

III = (Ohat gening did we get from
Edwarfer diving the two Gucket
Carveyoro - (Ož have a lot of
gening there suitable for the gupase
Those on 445 - on Scrapero etc

Acchelent get diamage Tree
of Can be healiged - also Elevatr
grammy - Dartus - any wooden
tooth gramp - also got Casings

The Screw Carveyoro Gear worked
out if so I suggest a double test

af the Scient Conveyors Geen worked of the Scient Conveyors Geen worked out if so I suggest a double test length be made + tested on Colomband for wear in gunny house med not be Gut 10 fret lengths with joint every 2 or 3 ft both at angle see Edward =

113= Douling as ked me your had the pattern for manchily ar turning off clauses

Edwarf Dill wo have we large Enough for the true prohad out by Palling the true prohad out by Palling to Charvese works cole way behind -

Clamps wider than 6 mich Court one ware types afmandil do Eventhing slee than the 6 mich

116 = Lo drawings out for runway
for all the orgen of our prior
of so has contings voled Grew
ordered

117 = Darling Cask Machen or Vulcante
of we can come some their Cooper shop

abagging servar gounts I will go with you! Then we will arringe.

cohole Ocheme

(whole Ocheme

(whole Ocheme

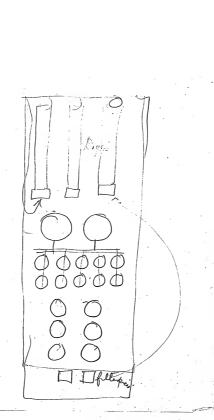
118 - Ithink Dailing Should start

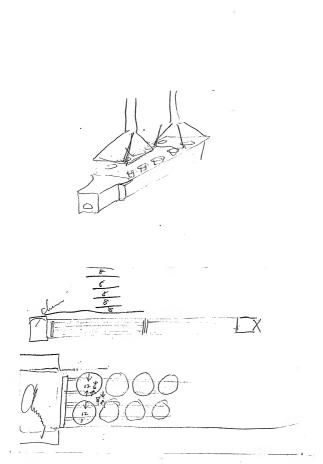
at Crusher of funch loop ready to

run as far as he can go as work on other

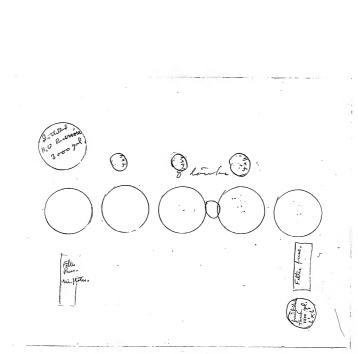
Guildings pro greats pub the mum to

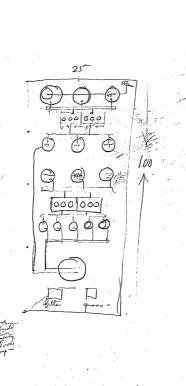
do it that will be do done with





1/2





Home to go to Strewardoulla Saturday plates of Chiefe them so I can have plates though 100 on 200

Edison Portland Cement Company Records Plant Operations - List of Procedures (1902)

This undated book was possibly used during 1902 or 1903. It contains an enumerated list of instructions written by Edison. The entries concern changes at the Stewartsville plant, as well as the assignment of work to specific personnel. The book contains 301 numbered pages; it has been used to page 53.

Remove exhauster- leave pipe from Dryer to exhauster su remove motors to shop - remove switches boxes and all other appliances connected with Exhauster, NºZ Get out plan to put Exhauster on concrete monolish on the south across track, with dust catcher and snew to permove dust at intervals, 50 HP MoTor to drive Exhauster, flexible connector, pupe for water, duster 12 x 12 about our to have side defivery, stack in Ceritor 36 diameter from Edwar, Serew 100 To 150 Rev 5HP Motor + gear, House over Extrauster + motor stairs leading up to house on pier - House over Screw motor or gear, wires connected to run on power or CP Pine, Electric Lights inside house. piping dust. proof - serew defivers to 102 few inches about locad on belt = aur gate in air pipe at point where it previously joined Exhauster on top. Mason & Damon Kelwin conveyor 99 put in, +5 HP Motor, chute from Dryer to have powerful magnet at defory to tail pulley - put __ side idlers on top and -Gottom, Hzad end definers to hopper holding about 6000 lbs gate to shut off defivery from Same to 3rd 36 Rolls - This gate to 62 worked by means of a cord 6 ad 3rd 36 Roll man and

Robles feedman on 15t36 - ample gunny new attple Henrifan - New florible and 8 meh pinion I beams upon which motor non base sets 16 "florible, Jusce outside gunny - stairs fead from head pulley to CP bldg entrance to tail pulley from Bryon burteling - Dust brushes on head pulley - Big ister with self oring beautings arranged for 75% are Contact 15 foot seach of 62lt from Center 6ig to see is 10 fer or thoseabouts. L rubbers on 62lt, woung for hights a motor.

Solenoid on skip dump to have thicker mon cores +
all curranged to give a better bite about 50% more.

New and larger gunny chambes latest improvements.

16 unch flowible for motion + if possible pinion in becomings

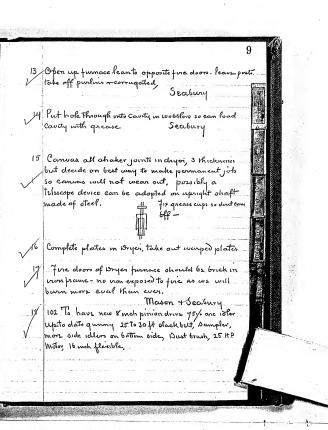
Warren - Seabury

5 Seal floor obose geans and motor dumproller feed t improve condition for inspection Cleaning motor or put in florible of possible lockant for aummer that providing when a 6= Either a more powerful blowout magnet, or the addition thereto of a jet of 100 lt compressed riv if latter decided upon run 1/2 or 3/4 pipe up from Chack plant, The circle of blocks on slate is not a true circle-make it true, some blocks 1/8 high protuedge between plugs relate so can't possibly move or two - & Round of corners moveable contacts so not calch on stationery blocks -Put a 5 HP Motor somwhere on CP main shaft To act as dynamo for the Roller feed motor 1st 36" Rolls-run words up +put in a field control 60x so feed man can run roller feed at any apred less Them the maximu Warren - Jeabury Bring gunny chamber covering gears and motor of 1st 36 Roll feed up to date close bottom under gears with wood instead of gunny Raise height gunny of of otars can be got in un place ladder put them in . put flexible in also. hand fan - gremove those little apouts from GEhind feed roll-

Dign new flowble wobbler for 3" 36 at same time have regular wobbler ready - ment between housing about 5 apots of car apring rubber /2 men thick to take aheck - 10 - Rug up somekind magnet in circuit of 121 which responds to loss of load wrings bell in funace room below let fireman Know when load is off a on possibly work a pointer showing load on load off — Warrien.

Widen the screens out top of Dryen to same width as top of distribution which I think is 6 ft - use 1/2 met server plate, each plate supported under by a evoss of mon instead of single but as now. Split stream from belt + put in deflection to chilinibute stream eventy - Screens should be lowered to get heighth for such distribution. The screens to have a square bottom and ofot, a set of 3/4 to 62 got ready in case 1/2 inch does not work with New foot board and Conveniences for seneen cleaning main.

12 No 101 To have 50 HP Motor New 8 inch pinion drive - 16 meh flexible and structure changed to next drive and change of screen; Up to deter ... A gunny. Precaution against head outside air New large 10th 75% are contact 30 To 35 ft bill of ack more side ideas an Gottom, Oil otopped from 9 using on 651 from Big drive pulleys. We dust trushes



19 Mew side piece put in delivery hoppers under Rock Stock so ore deflected on belt properly + the do of the old hole of bolt that formerly occurred wear plate, 20 New otyle brushes put on motors under Rocks H. 21 Long side quide pulleys put on 103 104 near S dumps to prevent running to one orde when not loaded, also more side idlers under side +possibly top side Hitter-plan. give 100 a little say of belt at head end lake / out 2 or 3 idlers and put gear casing on. gears -23 Put dust brushes at S on 103 + 104. Mason + Seabury 24 Reconstruct chambers for 103 104- Up to date gunny- New & unch prinion drive. 16 monflexible Stairs to Chamber from outside, outside air. 24 Put our bearings on big fan Rock & H, remous oil Hank and piping Seabury 25 Put slave from inside to outside for reaching top Ruck St. Seabury

36 Order supeply controns for new brush holder of maters of the quatty we run test with, Warren-Menilory 37. Gunny chamber of Big Dynamos NO. 1 3 Enquie to 65 entirely reconstructed, with large duct and big ventilating fari. 38 Plans wanted for putting both wheel yokes of Chalk Rolls logether with an expluder on other side of main shaft pillar and a stradle around pollar so ropes can be opticad outside building Heritar for plans 39 Detto Chuker 3 Highs Herter for plans 40 - Babbet in Drive ohaft bearings of 3 Highs should be backed off at aprit, /41 Jap bolts on 3 Highs must have positive locks. Mason- Edison-Seabury - decide 42 Shear disk secured rigid + shears made Vacurate on 3 Highs 43 Removeable plates put in coupling between Drive of 3 High rolls permit vape being put Seabury on quickly

44 fix big oil eup containing seive eup so fatter will not kneak by concursion a also a construgto oupport lupe so that the cupe can be connected cheechy to the bearing without an flexible gayne,

45. Plans for a tram and concerts strick along 1823 Highs to hald all oil pipes, sight tracks ate pipe bringing oil up from telow instead from abovs - Dilks plan-Mason.

46 Jen ply 62115 to 62 used for chiving 3 High Rolls _ Mason Maflay

47 Jake off collars onside of mandrile +pm them to shaft on 3 Higher Seabury

48 Off batts some foundation bacts ele to have a personaunt lock one that not only prevent into coming off but prevents it from leaving it seat on 3 High Rolls - Moon-Edwards

49 Plan for butter covering for 3 tigh ropes
Mason Edino Senting Heatin
50 Plan for Cover for 3. High rolls to proveret

V room dust, Muson- Edwar- Seabury- Nicken

Plean for new Robber fired chack 3 Higher for 2Luttinedely one of front - and defining to roll so no
comparation of friend on the admittending the roll of the state of the control live of the state of the currence of object of the state of the currence of the state of the currence of the state of the

dust brushes. Muon Mallay
55% - Owne we seems a Blows H 2 ? Mason.
56 Blows woters removed to bottom floor Blows H
4 concert formorting up to date gunnys.
200 Rev on 6 fowers - speed out down by
Reo box in armatine execut box to 62
placed in a chamber on floor about.
Warren Edisonmodel Men Sealing

Ditto for Blower H No 2 maximum a pead

74 Ditto Blower House No 2.
75 115- Small now pinion drive, up to date quanty
Ventitation 16 flexible, a non operationing definely
at tail end.
76 117- Put long defining 25ft wide sides a tight
back to prevent feak use flags resting
on but whole length. widen delivery to 16"
Up to date gumny small new priving 16 flexible,

118 - New gunny up to date and flexible put in same style as other scrapers.

78 Some feed No 1 Kiln Up to date gunny.

99 Ditto NOZ Kiln

80 Order 4 new style cloude support wheels the gram with, overching and hour ready as well as the other extras we had ordered haven the other malloy-sealing.

81 Cut out concrete under 125 three feet before.

bottom buckets - Con accate 3 or 4" 50 often here will be offer 3 ft clear Mason

82 130 Conveyor- Up to date quiny up to wall cut passage way by stairs down from Roll room and to Elev pot by stairs back of Elevator, New 16 flevible. 8 mch gean primon if possible & man Polloweries from rolls to have high sides side flaps, board with 3 inches of L rubber - The

Evood order to 62 12 mch about belt + soridly suspended top covered + to extend from one roll to the other and possibly to Elevator, Porush under head pulley for clust

83 Remove the oil tank from foot One Elevator back further in tunnel to stop fire risk from ned hot clinker, Mason-

Pfin to gear dynamo to kitn motor +
Cleaner place - gear cavings - flexibles 16"
+ adjust opered gearing at chalk occur
permit pruper speed regulation,

85 Cooler motor covered + get air from outside

86 put in small hand gun tube connected to, Bbl chalk at Coal end Kilns to patch living as an experiment, Maron Plan whereby our cylinder on wheek can 62 used with a shiring ban to cut out rings what form wear exct at Coal end - Maion 88- Chill or improved bearings coalscrew to guns. Flexible, 16" Up to date gunny both Kilns more room + good passage ways all permanant character screw box top fixed so now leak - ditto lop bons when filling -89 all Coolers have chilled support wheels Thrust wheel fixed so expansion will not Loosen bolts even after viviting Mason 90 Plan method relining Coolers. Mason 91 Stop oil leaks on cooler bearing oil

92 Plan to stop big clinker at bottom bad clinker Conveyor dropping out a breating oil Cup oprings on 125 Maron 93 Better water sprinkling system on 126. 94 Shouldn't there 62 an non idle end Kihn so olicing 6ar work easy - Mason 95 Upto date gunny ow 116 sciew. 96 Should not a tell take be put up on Chalk field of No 2 same as No 1. 97 = Up to date gunny for motor chiving 125- 16 uch flexible How about begger pomos 98 Ditta 126 -99 Duto 1st 36 Roll Clinker crush Notto 2 36

101 5THP Dynamo run by Cock plant maire chaft field Controlled at Ball will, for running 5 HP motor working sonew chawing coal from Dryer-Warren - Edin - Seabu 102 Controller Top of Dryer Coal plant for starting Coal supply Conveyor motor to fill bin at 103 Plan for protecting by series in Cement stock house from effects of avalenching Mism-Ednon 104 Plan to permit greater olorage in Count Dlock house by removeable plates higher up than those in 4 Gag walls at end.

Mason- Idean 105 · Up to date gunny 16 flexibles 8 mch pinion Conv from Blower House No 2 to Cement otack hous

106. Up to date gunny 8 mch pinion 50 HP ... Mector, 16 flexible head of Con abous 3 High Clinker grander rolls Brushes on -107 Seal sides of Con about roll with Canuas so no dust goes down to roll floor or to Blower. 30 ft up or thereabouts at Elev z end should be enough, 198 Up to date gunny switch room in Coment alock house on by travelling serew coment alock H. 110 Up to dato gunny a flexible 8 mchpmon West ventuated, Conveyor top Councit who Ek House,

au ducta blower Enque house No 3 Keep dust out, Maron- Idison 113/ Want concrete flooring Electricans room in shop with wood floor Test motors Mason 114 Want armature baking chamber near Efectriciaus room with radiator in bake armatures, fields Mason-Warren εtc. 115 For shifting motor fields from power to plant line cross switch with water rheostart to stop opank + preventing spirt speak obort concutting fields . Warren, Mason Up to date quinny for motor of fan blower at Bryen furnace crucking slant, 117 Should we not hous a water seperator at Coal plant Engine Mason

or a tank or Goth

126 Finish drainage tunnel at Quarry Maron 127 Priepare Limestone querry for regular work. 128 Seaf top floor over chack Rolls -Fix stiding blocks on main steam pipes property Maron 130 Put signal ball circuit to oil tanks from oil house so man can signal to start + stops Warner Mason 131 Decide about size etc 500 V generator to 62 put on coal plant for punip station. Warren Mason Edism 132 Oxcide what necessary so only small / Oxt Engines run. - Mason Warren Edwar 133 DEcide as to way of fixing sees

134 - Tighteners from Edwar on generator bette for Byon feed and Charlen state of teach Mason Making Heater. 135 More were wanted on refease magnet of Motor darting sax 1st 36 Chicker Crush Roll of whole hunst be put colone there is no jan it was the jaming that caused self releasing. 136 Put in new head house, new hopper defeury Chute, and Elev Noz delivery Chinker grinding plant. 137 Will present belt ophicing machine os capachte of making 10 ply optice is present were Ele strong enough for 10 ply - Musin Dust packs on head a tail pulleys bad clinker conveyors, how about scraper or brush

139 Up to date gunny, motors driving bad Minkey Conveyors, Tighteners on 62/15, latter outside quinny 140. Upto date gunny-flexible, 210 roller feed on 108 Con HI How about burnt timber on bad chuker Con 42 Rivit strips on side of Grant roll doors prevent ore Throwing out, Seabury 143 Put motor back on NO 1 Bin Rock SH. Mason 144. When Exhauster fan is put on new foundation at Orger see that it is Galanced for high opered + bearings are in good order. Seabury

145 Lights should 62 put around 60th coolers

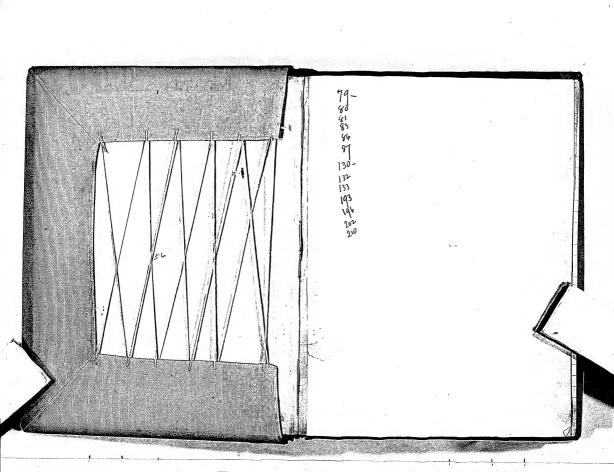
146 Light wanted chalk end Kilm on grown

Have all support wheels kilns put in readings 148 Put iron ladders up to head pulleys both Badchinker Con Seabury 149 Fix coal feed No 2 Kiln _ Seabury 150 Put a light over chinker crusher door greand floor facing fine coal house, Masen 151 Fix clamps on Elevators No 1 - Mason 152 Ditto Nº 2 Elevator 153 It is desirable that scraper top Clinker Stock house have non floor prevent Tooks drapping down in Chuker roheaving tolks Put wear plate in hopper delivery on 130 Con at Chuken OH, Man

Edison Portland Cement Company Records Plant Operations - Starting Up Book (1902)

This bound volume is undated, but it probably covers the period August-September 1902. It contains an enumerated list of instructions and suggestions, written in part by Edison, relating to construction, adjustments, and repairs at the Stewartsville works. Some of the entries pertain to the assignment of work to specific personnel. One entry concerns sampling procedures for mixed cement. The cover is marked "Starting Up Book." The book contains 301 numbered pages; it has been used to page 291.

Only the pages with substantive notations by Edison have been selected. Some of the unselected pages contain routine comments by Edison.



No Vibrate Load of ore upon the plates at bottom 3 Keep chute clean is working. 4-8-8/13 '0-20 of in the crock in the hoist tracks at top so to low of incline so take will not strain on sumpers. Burak in Haf Roller fred man at 19736 Samon Set springs on 3rd 26 Roll / Capacr - this is to e act Them in 18. 8/18/08 9 8/26 62 8 Opt new model purh futton or if value factory make at once 200 of for Crewshing slout. Line of Ship town 45 see. Bribell wright House gayne time conveyor to dryer also time of one full okip passing over roller fired at 19736 Speed of conv. 488 ft her min. Put cop stalform at dump floor so man Hurry up brass pieces for hoist controller assubstitute same for man proces now on get all ventitating face both motor a +3-But retarder on contratto so wan can feel it just before brake goes our

below distributors it sometic put in 15- Govered by 208+217. 15 Dranger brichet conveyor for Gad clinkers 16 8.8/12 Take out the Electric hoist + floorover the space making a clear floor for gar put hoist at Edday walnut or have grade as moline except horogonta part at dump

6	odionsalsiusuussuuraussuusuus 1990 tuksaansuussuusuusuusuusu			7 , ·
20 Large Auch y frie	18'0a	20.	Shanno conce etc an the	iker much 6a
The state of the s	0		now but pullapart,	ad not breat
21 8 7/15/0-2 8	0.2	21	Want overflow chute at 3	High in
	*		Chalk plant so that Roll of when he is taking too much	ore from
	. , .		syon - / Seman of	- See
1		71.0 22	Decide where how and kind	of mealanion
		100 - 111	Decide where how and kind required for adding gypour	· · · · · · · · · · · · · · · · · · ·
313. S. 3/12'00. Su 21		28.	,	
			So Roll man tenous whom h	Les overlanded
		24	Design that is affective or	ue Manuti
25 aug 26 hind it compress	of relience 110 min		Golf Cototor - 22. &	The state of the s
2 Kilha injector gunano	the guns running on the	32-25	But guns at 6 oth Kilm at	P TT
To lboon one our	110 will gens from 60 to		air 19 also out pressure	CLOURDE WALE
hopeeded to 120 mis	1 1 A gunoampet		Can keep liver of	y compression
Could be used on my cate	-		what operations Roop	Jan 1

26 Cround Finant Trois Want pressure garfee at Goth guns as well as on Join line, Sy Ven B. Sigles Fix up living of old cooler NO 1 Kiln 9,8 1. 9/19 62 Put doors on air chaft of Motors 28 29 Sample ordered from Courage The V. bufor are being needs at Dange & 1/27 Make balance of strainer oil cup for 36" Rolls 3 High & Main shaft, 12 30 for bagging machines bracing, Collars Ele. Reported by Jayou 9/8 600. Speed of "I engine when rok was favoring Jayne to time Engine opered when 365 Rolls are Crushing -13 Ho received Condenser not morning. 32 & 0/26 '02 DEorga Fucken Wodel puch butter

10 33. S. 3/13 onland 8/20:00 S. B. 0/23 a damper to abolitely cut air from code dryer when 33 34. V %/2 ordered & of 20. 0 -Course were or rod to tour hear furnace so man can close topen damper at Coal Dryde 35 Geadjusted 14 35 Penistron motor brus Coal from 36 Con one. J. 1/12'00 38 8. 5/26 10 huall gun at Kils closs

12 running Crush plant Conveyor Outside air must 62 got to mater gunny motor driving conveyor from CP to top dryci -41 8.-8/13 '02 - 8 8/13'02 Must have peep hole with Things at the 3 doors sports while for furnace at dryer & Easy means for man to reach & lack through Sed. & Roman 49, - S. 8/14 Ordered & 9/102 Conter should be carried Fruto tunnel Was the change more with walk way at SW and of turnel xunder rock stock yours 44 Meade refuetoleere Yay'ou 44 gat a Laboratory Cris or tradu Einer & amen

45 8-8/20 10 -46 Place provided for aleaning everything except outlet place this will be done To there a slace to clean out dust in blower flue or pages top chayer It is likely that a dust catcher clack must 62 out up at Dryer's Freman can by going down two steps grad handful them telt. Daman report Opeed up Dynamo umachine shop ten percent! Valts too low Even with full field - persolly the loss of valtage may be un belt slipping of the islog better get the pulley

16 50 & 5/16 for		50.	Work out a centralento start the
			Coal plant all at forme time Exce Conveyor to Rolly Conveyor to Dry
57 Grand 8/2 'on S. 41 'o	3	51	There must be a flexible rubber tile. Councilin on the big + poresibly on the fixed housing extre 300 16 Roll. pipe for
52. There are not dust proof be	aring & 9/100 4	52	Will Greak witime, Sea,
		-	Gearing Children Sea.
53. Lines ordered S. 7/16 6 m	37	53	Ropeo en charer de grand a radius. Curre come as luce Daman & Sen
54 J. Tao Sam fut in place.		54	Stop oil dripping on judger sides to Conveyor Sett from Colony Plant to
35 Sur to bottom board		55	Conveyor Gett from Colony plant to Dryer Important coftaining the rubbar
	s of sheddy	100 P. O'CONS	One side of 54 to 65 mg werze by
	700		

18 19 Sleprof belt 60 ft Jurnin See 60. 56 - Speed of but from Crushing plant to 450 when head pielly is timed a 36 when an isler willined can this 58 60, at 500 tons perhow thotor driving Conveys belt from Drusher to Dryin look 35 Horse

21 61 63 64 N 8/28 being made at Dange. · Carlo September

22 23 65 & says Order place of in mastering Olego 65 We shared for up a radius granding then a brush bolder can by slepped on Jose will grand Thousands 66 Codered & The low break at one place Thes as probable duz to more of place of with file face of a round nove should be said 66 /2. Freas cups temperarily Just on awaiting ma device for Bear of Blows at Organ potano Red stating box less been fint up with motor terminal solared in lays 3% top of Orgen oudden

24 68 This hale was card before their sort was 68 Cuta hole in caring of fant Wryer at back end 30 undugh cokale tangent of any peper make hale to 12 wells I ame Correct by 290 Start from to carry both & The 'on vibrates bey and it should be gived Mitor is on four floor bland another, they should be docked legither 70 Taxes about 12 40. 15 00 nester wegas 8 /2 70 DElining power taken at blower when load going through Dryer & science on top Dryer is working good. The idea to to see if a swelled that or will amount front as well amount front as well amount or well now that we have Lowed Ict down esomilie (There are hales in the end of motors dollers Variabling faw gira There can a few for dust dose those gramma outly to dust where faw is not to be used - temporarily with a Cork the world the study are part m + wool pocked

26 27 72 If we decide to make a one meho! It ochem hale at top of dryer make the bottom or lower and square material of tround as the latter acts as a wall 73 Jun 8 200 1 Com #75.3: 74 - D- 5/13 '02 - E. a.D. 7/15-10-75. Brookseparts broken gutter referred to the

29 18 N. S/1-80 8. 5/15:00 80. Chego of some of the pear cayes in up tiple or fried 81 Comp does not fix x 8/13'62 & 8/15-00 dong. 81 One Spang grade is not personed up and gran can must to # parenter in a A. Stimmel 82 8-6/15-102 82. Shaft of motor #71 Just on paining gland how, a S. J. temps 83. amyon says finished & 9/13 '00

119 8 9/5- 100 120 Not needed with present capacity 120 How about angle maker on town /// 12/ 8 8/20 10 2 120 x. 8/15-6-2 Con 111 is not in. 125 8 8/15-100 126 Partformed & 1/13'00 126 Steps & Walkway to 1st sixed drings on 60 193 Forget & 8/13'on 193 How about gear casing on dring of roasters your seasons 194. V. 5/15-10 m 195- 9. 8/2662 196 Trot ordered & S/13's a Ny 196 Gear case is not on motor gea of #1 Roaster Leave 194 4. no can not get at it \$/26 'on 198 x. 5/11.10. 199 3. 5/26'02 199 Lights and wing for Motor turnel # | Rvaster in do

78 79. 261 / /-2000 261 Chies on dear caves of low 129 are not sample down or wined 2.62 V. Vac. 10 m 262 Sell of con 130 will true angles and quest flammer head and 263 Couch Alder nests on fuctor toon 130 ac section 2163. V. 8/19 '0 ~ 2.64 8.8/22 6 m 264- Chigo in goar sales 266 Put this in Chrif Engan book 267 - 1/2" too much sta 268 4. 927

168 169 751 Put in wooden 720 from head put 13. High Chy Roller for 581 8.8/210-382 N S/02 on 583 to Conveyor to Chack stock house so the lumps of chack will be broken up 5-85- Should then not b ofmotors Ordered Earl Yes Ordered Earl

201 200 676 8 9/2 62 678 9 × 9/30 1, 2 & 9/102 679 4: 8/28 '02

202 680 N- 5/27 'ou 181 Wang made but not on & 9/100 an 204 684 This full leaves as has been reported before. 688 Put ladders to all shaft formals. Send at man shaft in Rock Cruher, thalk broken, & Charles God Has. 686 & Vivior Changed to trafe pipe. 667 West brook when friend of happen and hearly toucher 688 N. 8/2 688 Och plugs have been left a draw chamelo of the of talk Brd.

158 & Ty on 739 Breported done 760 \$ 8/2.0-761 8-9/6 8 00 the spring bearing to act as bumper. The idea being to keep present spaces 790 S- 8/9 0 ~ 190 Apress out the lopper mother 3 right with 19 rolls so transfer with 19 the operation from Rolls 791 x. 7/1310 ~. 792. 8. 8/9:00 793 how outfut put in & 9/17 10 m 350 nat warked off at this point -

250 809 D. 9/6 00 ~ 809 Would suggest that worm gea 811 If wines are not there now it is because notor tenders have had blugs out. They were all fest in and word & He on 812 The following gunny doors should be chamber in Challe grunder, and top souththe

Edison Portland Cement Company Records Plant Operations - Notes, Lists, and Drawings by Edison (1903)

This folder contains notes, drawings, and other items in Edison's hand, as well as undated material probably from 1903. Most of the documents are instructions and suggestions relative to operations and adjustments at the Stewartsville works. The instructions are addressed to Walter S. Mallory, vice-president; Edward P. Dinan, chemist; William H. Mason, superintendent; and H. S. Moulton, plant manager. One item concerns the reconstruction of the coal plant. Also included is a series of notes containing Edison's "framework" for organizing the departments, as well as material pertaining to experiments on clinker and efforts to reduce the clay content of quarried stone. One item relates to the testing of cement under freezing conditions. Some of the documents contain references to Edison's bout with stomach pains.

All of the documents have been selected.

[РНОТОСОРУ]

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a change in a mat	WE did not have
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[РНОТОСОРУ]

Malling - Copy teleplants Mixe I want to take advantage of his accident to reconstruct Coalplant without screening or Clowing and full capacity and without and future danger from a fire, also to fix rupt Everything in Will that should be a changed sather with men without b when without bein burdened with an operating pay wolf under unfavorable conditions 9 want here with all drawings of location of Coal plant wearnest the and she a her clinker Offinding Conveyor Hz can neturn in a week with full defail + can by and of few draftoman get out plans very sapid, + by warry several shaps and Laboratory can get out work very rapidly Starting a Construction force as wantanted, I will return board april forst, Have you laid off men as

Singrested whom will Herten levers write me full particulary to Danking disfigured

TAKE Mr. Moutton for Mason -. leading to the Conter of Cap a livered of the hole was of the Latte down Dam Want to Cach your accounting at chair which backed to the fact that the new Grangs the oil up acaused it to. we are making have high spender Ge foreed (though the hale Obrette lake the waters a chal to the Center - take (he walter oil wice not travel across up as regards down a hole a high open shaft by bring with Jayne + dearle of wiped aff by shaft Gafare it your bound not do Il them get to the ache end color at works or here auswer hat the case with a slow opend shaft on account cetter George - Yoursmender Solia we drilled a hole through the top of Gearing on wolfens

· Chall plant, The stant states at a medices One Enqueer for Enque de mill of Our assistant to Enqueer to the Rejou stock House help start electical part Rollandian underwath the Rolls questo also has charge of Engine Dynamo - Conveyoro todfor to Dynamis or the orling of Blown Home XOI Chemain shaft bearings Blower House No1 + Endo and mobiles dolivery of One men under the Roll who Chock into the Chack your attends to Roller feed under Byjona 109 Conveyor & Cleans House and dry all along hicher tail of 110. The following man are oughined -One wan top of Blower Hay One man wechange of Rolls No 1 - welch log + 111 dopout of Raclar freds top of 110 Conveyor Sprakely Ele

3 Chalkp 4 Chalks the man middle floor Blower thouse No 1. gore Should authing to wrong with Motors suport to Manager unter depr One vian 6 a clan floor as to Conveyor Gell's supt to Manger Convey Mower who seem start + asto orling of seening . kot bear signe ales fines af waterial 860 Due fort to manager O. C. C. gt While her Enveyor 110 112 4 as to Secam piping scepant to Chist Eng Conveyor to Chack Olock Honor ant lights or wing oupert to Electrocam, One cleaner who wo to 62 aughting broken nechanically instructed as to place that that we deport to marker his day au Co 62 Kapt Claim If you want a wand ar 150 in an Emergency cace with faid for One renumerator - 600 You man should lightening all Coose mits or ballo

5- Clinck pland or a full stock house to Hapat any water congress. thoroughly accounting The to dopt plan any suggestions asto charpenny the remain plant Should be kept in afrom dept war and output prime Conditions + deserable Change that will The following may 62 some of produce a que de relabeles of improve the peaul your Cronbleds such Report them to the Masonput Manager of the works those in 9-am feely Ceny under ween or mechanical bad to Lary unpho acumit you think desirable Confunich the supl-Keep your plant clean Take under him as fall as a advantage of a shut down

out why they wak so fur greater on Cluber Roll The Roper last 3 times as I che al. plales theft Gen Taken of Jakalk Roll 9 suspect that Done plates were soften than the of Roll, a wearing out of Six Cattles in 3 losekan Keep champ lookout an chack Rotto & see of you can fund

im maller Cost Clerk giving hours of actual crushing - Kind Rope, made by whom - Etc Ditto plates, all roll afternoh. Kinks pour kisk Locos obovel, Bryer, chilled platife. Blower houses

armatur - Kilm brick tonage per remail, habor renewal - dillo Cooler gear wear, (aque) - gears renewed, Ropes on scraper Elevators flights renewed - trough plates, Shear pina gypsum - Gags, 6 cho, Fount of Labor -Shovel teeth arepour

Belt splicing were etc -Doft Rubbu flaps Ball & July mile supp Samo - per lama que

Morres Jayre --Thease fund out of the man at top of Elevator was fully underacted as to his dutie I he was told to look out on safety cluster or notice of they worked on starting - also to uspect a keep them clean also what alle custouchen were your him - also inform ma for your opinion the deferent forman af che plants instruct their men Thoroughly asto what they

Thousand look out for and original a calso-report why the Chall 132 + 130 belts had to be taken up in Mill time of it the could not have been bulingaled, also if her Pillings Criticism is correct that in many cases belts are welled taken up when we fact the alipping was due to backing up of ott against belt of Eiller head or tail and —

also what in your opened is received to keep dust day + dedut succeed un Crushing a single out of safety pauls on! olup = Klevelon, if it consolut you well also report fin have Early been done your opmion Mr Hoffins long ago - + what Hufman is a Competent measured are now bema man for his position taken to make it dust I shall hereafter have to proofareliable vely on your reports also please reportabal to me privately for 2 am Water at 102 what limbs yetting disaliafied with was + whose foult it the way things are run was that the Creshe plant tried to run all you can speak your mind

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3 (Angh roll plates only pass your fit
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Malory of Mason —

First Experiment on Chinker
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Passed through puraller whom.

Product / Buch and Duraller —

Black had 5:01 per cent through 200

Yellow " 3:21 "

Put them through the ball mortar grunder 10 two to the right them reversed or gave 10 two to The left until There was a total of 100 two.

Yellow gave 22.93% through 200 week Black " 40.84% "

is twee

1/2 seen that the outpu be very much there uneare with block clinker-The amount of very fine to much greater with black also night than in the gellow Under the hercroscope at least 70% of the black is already approxi 5B mash fine + only Gy a slight (usion (10) duck logethe -volling while black Where the yellow has been diarse to so high allemperature that to cause the rolling & pressle the makerial to Compr a sold - I should

rall do

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Jotate of division cohich the Glock
has naturally—

Without going into carry hair splitting
Chemical Theories The following is
Known - to wit

that the hicroscope clows homegaly

+ perfect transparency in their overtimo

with no trace of the original injudent

that the Coment wice de good

x or this holds go for Every Comperatue

up to + well doing the actual

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He Subject to which water

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Cam penetrale to Clark clarker to clarace clarker is, as senses 3

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I the two clarkers are for so a

the weather The Committee block

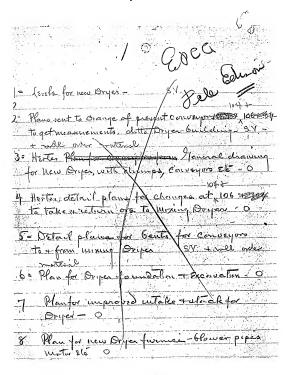
Clarker should be risk to shop

Wallony Mason -The reason Cement don't dry out quick at this season is that the almosphere: has a very low capacity for moistur The reason why our coment don't day is that Vulcante has a quick dryer in the form or To get this flour or orger in our

Coment, you must lengthen the Zone of tox corons high languadure + 2lop . Marking Carrying the fusion so high 40 ft of 3000 day whater than 20 ft of 4000 day

What you want is to purchase MicroSope for Pency que hum Sample of Clinker your is for desire + Dinan Keeps his mixture perfect you will prosuce coment that will be salusfactory & help out (me grindaro)

[PHOTOCOPY]



[PHOTOCOPY]

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9 = Plans for Drye sending to steet	~ Guilde	ug surta	ble for	
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10- Exection plan si driving Conveyor	ri-etc		يد ليندا	
11 = Exhauster of dust	collect	ng Cha	mberara	livii_
11= Exhauster 4 dust of dust to Con	veryon-	The hoc	ise for a	a.u.a- 0
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3
16= DEtail flan for lightener rain cylinder
17: Plan for Extension of Guicoung at chack
17. Plan for Extension of EuroSung at Chack 1 Charles a housing deprame of pulling in roll new gunnel for Dognama + S.V.
18 Han for Roller feed for both roll, a
19= governor for rellex feed new chalk roll-
20 - Put in 8 blowers reverything Complete in chack Blower house. SV
21= Put new Tracks + new coheals on scraper Conveyors, S.Y. + order material
22 = Plan for new Kiln house suitable for sending out for Giels O

[PHOTOCOPY]

4 ,	
23 = Plan for foundations new t	in house 0
24 - Plans for Extension of 125,	xaciualian to
5 V. will do assessor S	(wel order whence
25 - Hanfor bad clinker conver	yong drives,
24 = Plus for Extensión of 125 de formation plus - 25 - Plan for bad clinker convergency 25 - for ticer Kilius - hi	glient lunger - 0
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and the same of th	
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40 = Extend co	mpiessod c	ur pipes	to nece Kilr	, sy,
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and the state of the first of the state of t	
	and the second
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410 Plans for extending scraper of ends of Kilns to the Kilns -	tchalk
enclory Kilns to ufec Kilns	_ 0
42 - Screen +feed appliances water : new Rilin - 0	- degred Iss
Maria Caranta	Safata Tra
43 Stuck & Slack damper control	wires run to.
43 Stock & Stack damper control Coal end of Kilms - 500	Light Lynn Co
44 = Possibly higher rubber I on c Chack stock house, O	anuzyor from
Chalk block house, O	DOM:
Tite Webstillet a server	4
45 - New Motor drive & quing char Chalk blowers - SY	
46 = Plans for strengthening found a	tions of drive
46 - Plans for shongthening found a	0 1
and the same of th	77.3
47 Complete Quarry roof: SV	Passes
6 E-1 (-1) 8 (E-2) A.C. 1 1 2	
Andrew Control of the	1.0000000000000000000000000000000000000

[PHOTOCOPY]

48 = make woodel of change for locking 6 octo in clamp of Elevators under the bleeves a when catufactory change them all -0 49 = Put very much less wool in Bearings of 3 high rolli- so it will be opringing I SX 50= Put a shedder on new 3 high same 57 = Change quide correction use 6 ropes on all 3' highs - new roll will have c sheaves but 03 will be left off - 0 52 - Put new wear rings on rouster flangers of 2014,2 Kilns - SV. 53= Vut. oct cups without plugs on Elevator of use solid yellow greened from slandard oil 6 5y (artic grame)

54= Make + put in new roller fred et Coal Dryer
55 = Band balcony apart 100 KW Water with grany
55 = Band balony aprit 100 KIV Mater with graning of drives recently dentife defity devices one on Elevation of Mater - for Elevation 5.7
56 - Pet oil rings Illotons Thandened ground chains 5K gind claim at Orange
57- Pet Extra Stack on Dogen dust chamber
58= Clean down order of grany & Blaw off Creacked portion of Coment Cut. SV
5= 5 Lip corner in Carbonale Cett, SY
the state of the s
60 = Pot up 8" gas pepes in chalk a clenka blower bour

	* **			
61= Prof all call	relle been	no Her 1	euge Coll	ev perio
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62 = fix up trac	Sy.	Cresice	s as ceres	wiii
63- Place for c				
it their - s	; Y			
64 = grease our	s- on way	s of gri	wdon see	1 ZX
65 = Grongd ma	a gat	z on roll	er feed fun	e gyindei
66-fix up che				
67= Plans for c	helled End	a split	for opece	<u>.e </u>
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68= Bull	store house at	Bagging he	une SY	
69-Overk	De term st	over SY		· (A _(0,0)
70 Repar	RIQUER a	F Bagging	house t Else	co Res
71 Put m	ors juice on o	Kip Can hoi	st, sy	
72 Put br	aka on gran	troller free	denne s	Y
73 = Put Co	ver over qu	iciator pul	ley in Cn	: \$٧ <u>.</u>
74 9rf well	Poult seese	uctor over	ematus be everigh but	مرابع م = غیا
75 Change	happa und er un Couser	in chack of fret.	ro((s. so.	
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drive + change years but wait for	
man dianotherina tour along plans.	
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79 = Make Would a offar for alaft of No 3 Engine	gen o
80 all 50 HP Motors changed to wide brushes	
80 all 50 HP Motors changed to wide brushes	
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80 all 50 HP Motors changed to wide brushes Etropi 110 True SY 81 dock up loose stacks on 15 HP Motors SY	
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80 all 50 HP Motors changed to wide brushes Etropi 110 True SY 81 dock up loose stacks on 15 HP Motors SY	
80 all 50 HP Motors changed to wide brushes 81 Look up loose stacts on 5 HP motors SV 82- Muca cent out laffering meters skip dump 103 104 199 111 14 125 126 142 chule Grinder rolle Lit V shale as you do now Cons 105 107 108 12 117 118 139 146	
80 all 50 HP Motors changed to wide brushes	

[PHOTOCOPY]

83 - Cut out mice on one motor, that gives brendle + cut it out absolutely 20/1000 of wal tuce how it works beyond any doubt & after running for 2 or 3 weeks it a SY. 85 = Poping a connection to oyalaw expetta new Gorfer to 62 pert in I plan for som 86 Changs floor under head of Con 113 as lan for roller freds at S dump

88.0 Head o drive macheman for conveyors in new
89= Idlan, side, top a bottom for new Dryers Come &
90 = Belling, Russes L, Spearal idle for Conveyors,
913 are new couplings on both rally feed in Weightly
5 7
up running of 102 Censujor - flexible Conge
92 - Petiphander danning hat our from Dryar up runway of 102 Conveyor - fleshele Compay of I HP water derect down to got on rulled to regulate power - S.V.
93: grease cups on bearings of vertical
the same of the sa
94- The crocks march of Green toke of Dryn of Chland, also ulementate intake SV
95 - Tie track at Chartes convicement
1) It waste on Many to the total of

		14			
	= Put Gracial Plant Ra				
97:	Order new Crushing dia model	pulley ! plant Id wo	22 mch	alor a	
98.	Stop work of chawnon of	r pecce r icu icl male dro	e class. le with	er ec.	ret ands
	Straughten			and the same of th	
*******	In new happ in small s fird, in char				of the same of the
101-	- Put the ball	et calabi	my magn	to wa	
102	Change Co	lufun fu Obia on	de held	of 1137	. of Week

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er er	
The state of the s	
163 0 0 /	00 c0 0 0C
10 1 Replace Graning on	fluxible drive of Con
111 0-16	1 -1 -1
· III dslap cerat on	- oscored - 21
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حدب سيسيعك ويزيد سيعجب	
1016 - M-4) = 00 - T	TI OO OR HOLL A TO
107 - Nove small general	er a chace presu
Acces Const to colone	were and to and Bi-
104 - Move Ismall general new Lean to where - generales - SY	- coz ace to peta queq
- days Tow - SV	
- Paulice	سيستند والمروشون والمائية والمراجي والمراجع والمستند
Table 1	
$\tau = 00$	A-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
105 Hun to wooder	i lean los for
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Generalians big of til	the afterall
ila imia	n lean too for ele of chalk but way fan Ele SY
Dlant, gunny of	- belt way - fan Ele SV
106 - Put hand wheel du	ong Con 116 en outside
106 - Put hand wheel du	ong Con 116 en outside
106 - Put hand wheel du	ong Con 116 en outside
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106 - Put hand wheel du	ong Con 116 en outside
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106 - Put hand wheel du	ong Con 116 en outside

/6,
/6, (1)
109 Pet loud ring on 2 coaler some as
110- Put back the baffle plates in blowers in Blower Home No 2 5V
III - Man for longer atteller cheek plale for fine grander valls so there will be
III- Plan for longer or better check plate for fine grander valle so there will be less spill Them SY
112 - Change such Collans that are work Gudh by oil Chan - + Case handen Them -
113- Make gen Cases for dears of Rullen feed cef clinken grindens
113- Make gear Cases for gears of Rullinged cof Chulcu grandens No 1 + 2 SV
113- Make gear Cases for gears of Rullingerd cef Clauden granding No 1 of 2 SV 114-Cov 177 wants a small section of floor of Jail and, also wants closing up at Coal Pryer - 81

77.
115 = Cut ent generator + put in stanting 60x
115 = Cut ent generator + out u starting 60% tregulati Generat Coal by ratabet level alot, SV
116 tohitewash walls uf mandine
116 tohtewash coals of machine Shop to get more legat, SY
117 Put two windows in front End of shap
117 Pot two windows in first End of slap to give light at store room door, comcow to go above stiding door, SY
118- Our duct + blowed Engine House No 3 Resp duct out, SY
119 get chernomotes Curpaciput in existin
I dolochy pipes to alles Engline 64
The state of the s

tales are an in the second	
	7.11
120 - Trench in Mac Intook Enqueroom Ohned be covered - ST	0.77
of alfactories - SV	
Scene	
121 One dust ring to 62 on 102 Enque roo Compensator SV	144
Companyata St	
The second secon	and the second second
122 Planter protecting big seas in Come. otock house from office of avalan	t
stock house from Effects of avalan	ching
123 = Makeshaff by Ceaser non orsion	s.Y
124 - Widen pulley on barreling morching Can put in 10" belt JSY	: 50
Can put in 10" Get USY	77
The second secon	1 .
125 - Put up poles with wouning ropes one	inter
line RR through your one place 1004th h	C. A. COX
ROLLING BY CONCENTRATION OF SECOND	
RR lank + tristle Extensión + One pole	
RR lank + trestle Externo + One pole	~J
RR lank + tristle Extensión + One pole	~J

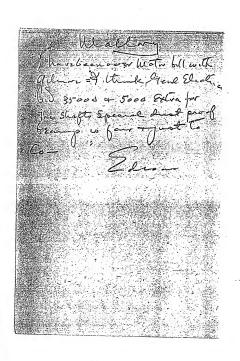
19

On all unportant Conveyors put in regulating boxes to act do atantino boxed something that cannot 68 burned out everly left in permanely 127 - Secure tumbers on cars trafquide okips so they do not tift Tilting allows too much space between timber tukips 128 fix dust leak at floor between air Compoulum of fire room - SY 129 gate should be put in tube will hoppor Just above scrawto shit aff coal worker Useron is to 62 cleaned . SY 130 - Make Cast now base for acc 15 + 25thp Motors + vinbalitude for wood - Herter to make pland order one for ? I try it is all right order balance o

				1.11	arjah sye.	
	*	*	20	PT 1		re hayes
	•	+ 1	2,70			1
					1 =	
131-	See tha	Berapa C	Convey	ors wil	Recloh	ave'
	at least	one much	· econ	manu ce	Gelwe	cu
	oil pli	got sides	of al	wof.	ben -	5 V.
-		o, in existing				
132-	- Payet	Connection	of # pour	alcle n	ods uf	
	1103121	rea with a	dumin	m bren	ya pa	ut,
	Dame a	s used or	CATH	00 70	200, 5	У
1_33	- t)		1_	1-HD1	<u></u>	
1-25	R-b-	Smuch you	es from	5 AF 1	coccess,	2
	rcf 16	overy 4	Lahra	Lliani	act w	2-
τ.	rendo	o degrees	lock	nens	SY	
i je i				<i>'</i> .	and the same	7.70
134.	- Chan	of all sop	Pucto	- to to	ede bru	dies.
	المسائد مسرمات	1	~ 80 m		1	· · · · · · · · · · · · · · · · · · ·
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·	Make	The feed va	ee at C	oal gr	133lay	
	a Cri	isher so i	t will	e cree	on	
		to one i				<u> </u>
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	Can Co	-ush defit	erent-E	200	- Marie	

[PHOTOCOPY]

[PHOTOCOPY]



Arrend Woulding 1 2 Monoton them out in full detail Y ween sel to have ucluding Kily Cheef Slean dept wine chamstay of type write thank willing the solower and Before Aut for Chelast of days afterwards go over from my stomach so much the ochemic yourself or Chal & counat write of licht in phape 9 (how out in detail as well come down next I would to good you week + wi will go into the disjointed frame work the walter un delail, of the scheme of you arranging the Oil schedules. The worth of my will have masail Carry

line 4 you well have to

Oil Dept-The Galance helpers, This continuo charge Dundays are to be one of af all the oding of the the regular drips in this 6 havings in the wick -Scot the men do aninged all orghet fends as wit pipe that while all me m all packing aframe Dunday they yet only wak all gear Cases "cano 6 day perweek of bearings. The bearing + of all Conveyors Chance lot drawn off dept exclusion of Che refilled the old o'classitioned Manager - two of these archedule to 62 made must be expect wood prockers

out as to the requeres as felling track Cawayor taking into Conscharation the time they already have run -If the new land granket is aviacces a supply show brottamed so they Can be substituted on each Conveyor as orland all large Gearings with Cham Orling shalled 62 drawn of profelled by

4 oil Dehedule Every - weeke 4 odd oil sufilled all oil must be covered in Closed Cans with faucet of florible pipe: so there can 6% no passibility of any dust gelling in cohile filling - Every Gearing Cohon bring filled wist tros 62 perfectly Cleaned at the top before opening by perfect cleaning is

Mount absolutely perfect Do by no chance whatever shall the slightest amount of dust or good get who the or gears, Chile fill an umbrella must 62 held Over the bearing to Calch - any dist which may talthe down from about 64 the you up the went working

Canvas Colvers must be unspected or pany look Et prompelly fix—

The dape in gear Casings
Obsailed be drawn off

after running buentles
their doposites bulled
as per schedule toe had
wears should be had
to ascularing the right
depth of dope in a gear

the aversamon afactother Coongrals of there has Depomen or heacherst Geen a leak of the casing Call on the Martin Mediani. Reep occounts of all Oil a Book should Be cepened such - of the gange on the against ace bearings + tanks - any ouggestions as Hat time caf o'cling Euledach to unproving the dept med, the Manager should unspect Casult the Supt, bearings from time to time any suggestions about Employ to see the state of the oil or hieltrade of keeping see one also for leaky bearings Etq reports Ela Colonet the which he will paved fixed Manager of the plant a break in the property regum The Water clept well be sees power ble for the deling

of the mater & other bear with gunny Chambers dwill tall on your dept to oil them under the Wiston deplormen -If there are any searings that. are very unhandy to bil seport them to the supt The time to change cilis coluent gets very black & 50 thick from suspended Mason add anythe Parlile that it will soon Else you way think for

This can be as gulawid by Experient all abano, should gradually be changed to Case hardened Chains of finally the There will be Change + pravision for supply of allains should accorde so whenthe orling o the dule is carried out they can be put in

have an assistant to take change when not on duty, Eta Mason . 22-The impedons report should be made daily and 62 m the affice by 1 400 pmas well as all the reports Chief of Repairs has charge of all repairs of transce from themanyon of the different dept They are all entered immed con the plant of is practice on the daily Suspection an asset to the Waster book a the sout must Misohamie The check daily or white absence hasan does moit of

his work night a should

the Master Michame Wark

is to attend to it, The specially important once w red spek o marked Emergency - and allthe Quender odoko shound be delivered to the dept Cheofo before and afrohift to they Can arrange Their montor the work - wort Ocepains cof the tems well go into than work the out war the book of the chiefal respairs which at present will be a night job -

Their Everything mecessary

to 62 done will 62 withe hands af the praper puras. an time to arrange Their He Regger shound Is in the marter mc a dept of under the checfat

Mixing a cozighing plant -

This plant conscits of the two neixing belts one in the top and one was the lumber under the like the Rock stockhouse, Conveyor no or carrying ore from the rock otock house to the weighing house thence by Conveyor 108 to the Byou slock house or including (he later

The following are the new surplayed one man for 106 Conveyor starling the Conveyor Manipulating the opouts or raller feeds in the tunnel.

One man on the top of Kock otock house unchange of dump or Conveyor 104

Two or three wew obtainable from the yard

going to worker in the bins of the Rockslock thouse when necessary in cases where the ore does not run frefly

One weighing new who manipulates the weathing pystem roupply of delivery of ore to the Byon —

One assessment who watches 107 108
Roller freds of plant generally
The last two men when not weighing work
the next good 104 - The Stock horse
Whe large Exhaust four in the Stock horse
to my your algority gooding arong eagles Craye

3 winding P Employees the whyman Pert Kepart to the Manger of the . as to the wixing and weighing follow the instructions of the Works Keep your otack house Chief Chemist as to runnin The troubles up. The plant, sohere anything get ifuel, keep your plant is count wrong with the med cons by q- Everyttening in primare Report to Water depreshing Harman Chothing depart any under anything wrong with 6 somings. wear on machining or parts or lacking Report to Orling that do not wak right or , Dept Manger, anything wrong inconvenience Ele Po the Just coell Conseying Gells Report to Browneyor Dept Many dhe troubles you are leable and hech cal regards, Report of to have are Waster medianio riporto Electrice 19T Ore coming acoto from the Crushing of ent too moist routing in giving traible to the Chack grussing plant, you should located improving the Mill Greatery or en

hors the mountaine in Cas Carefully malify Couchery plant manager when yo for it coming too moist, The amount of allowable montrue more is to 62 deceded 4th - Strap on Mater due man Cy the supt of Managen break factorised - a Record of 5th = Raller feed delivering to moisture will be Kept at Dryer Weigh scales over rund fine make a Gad Error without by Chemical of opt allowance wo made The relation between the speeds of feed of the ores often 6th Moutine inturnel get on weighing so that they luce Matory or Cross fields or armatus Seelept about Laune Gurn Galfed to the unxing 6 in Sunet This require adjustment of

7= Canagor beet too slack 8 Dust leaks at Canvaisse 9 orzapillo at delevery at tail guccon poling up & 10 Conveyor Gelt rimo to one aide - wearing etc, 11 Ram Leaks in roaf. 12 Idlers stuck from want of

"This deprehend starts from the can

Qued at the fort of the emeline and ore

The following are themen Employed

Two wen who act as brakesmen for bringing up loaded cars and handling empties.

with Their detries -

Our man working The Electric hoist also the Roller field for The Giant Rolls and the atting the point the allie the acting the point the acting themp hoist = Healso Keeps his switches and Reseatence boyes cleaner allembato hoist motor on

One wan assistant to the Electric howst wan

who caltends to the cleaning of the Roller food servemoves address ove calkering to the Skips or calso attended the sight foods and saming of Roller food askip dump - sees that all mits of the are tight, or cleans up generally when not dumping ors-

Roller ford ment - Has change of the Raller ford

The ford ment - Has change of the Raller ford

Granty - Controlls the feed of orz to the Rolls Galow

Signals to Electric hoist man when to dump

Sees that the seturn conceyor to hope of

Sees that the seturn conceyor to hope of

of Conveyor to not fully aclos allowed Orthog

of grants love nuts Ele Keeps floor alcand

of grants love nuts Ele Keeps floor alla for

outstance when hope the ocked, looks out

for love that also Ele on 10 (15) and any allow mills

defutur on his floor

First 36 Roll was has change of Everything on the of coor watches roll or flywheel for an obean block or other trouble looks out for orking of 6 savings door out, loose plates on roll - Keeps floor

Second 36 Rolling duties same as 1st 36 Roll-

4 Roll Clean when chance o

Third 36 Rollman - Same duties as 1st 36 Rollman but maddition watches through a Case with floor the delivery from his racl on to the Conveyor 10t to deliver a block or peoply of Conveyor so he can ring will

he also Control. The field of ore rectaming from the Dryer on Courseyor 99 - by droping the Hell gate in the spout when Some body rings the mill down or he has a Shear or block -

annunciator boy-attends to ace calls -

Engineer, is under the Chief Engineer out to the orders of the funding of the forcerned for as running the plant is concerned assistant to the Engineer, helps the Engineer as a court him - attends to Electronal part is concerned to the Depress ording warm shopp in Engineer, man all the Depress ording warm shopp

foreman Dryer, has change of watching
the whole Bryer, inspects constantly by
patrol, the Schawley Shakes headanism
screw food from dust bin, conveyor 99-orling
of Shakes treedramon & gears, starts schauster
of Shakes treedramon & gears, starts schauster
of Shakes treedramon of gears, starts schauster
of the start of the schauster of the start of the school of the

Man Joh of Dryer - Watches Kaapa Dereans
Clean picks out roots Etc watches to
Conveyor 101 - Ohuts gate we Exhaustin when
ore (stops so as not to bundent to plates at
intakes!

Theman of Dryer - has charge of Jung
furnasi wheels to at cloans fires has
furnasi wheels to at cloans fires has
furnasi wheels to at at or seven velocktres he aday to start at seven velockControls the Hower for his fues alleads the
order of blower - controls damper + shuls

off heat when ore stops coming notes temperatures by themorates +
docks out that he does not burn his
plates at the cutakes by keeping heat
on when no ore coming watches Caying
deliving from Dryer + dupat bin to 102

E.

Man on Job of the Rock Stock house the distribution of the Rock Stock house the distribution of James 103 - James

The motors or orling of years mode of the yearing chambers will be attended to by the motor department,

Nonbles that are likely to occur

1st Elippory Track -2 Cars fall to start downwhile due to

badly orled bearings, cold weather

3rd Couples on Prot horst can fails to work.

4 - I dera on incline fail to turn, branings

5th. Rope on drum winds-on wrong-

6 Rocks get ma evedge roller frede ails and below granto wear gear

7. Or wet & frozen u cars

8: Controller Contact Clocks for Electric hoist make and Contact, duty

9° Hook aften fails to automathically.
hook in okip loop10 = Bad cartacts or wing crossed on horst
water plant,

11. Belt slipping on rolls + Dynamo for Engyry
Roller feed mater at grants -

13= the specket Chain broken on raller

14 Rolls sheared 15 Rolls blocked with ore hoppe blocked 16 = Rolls blocked with ore hoppe blocked 17 Failure of orl to fred bearings hat,

14 Plates loose on Rolls
14 - Batts loose on plates of Rolls
20 Batts loose in Hopping

21 Delivery apoints to conveyor out of order scattle ore-wear on Gelt, claliver to one side -

22. Drip of ore at tail pullay of conveyor belt accumulate of machy strike or wear belt

23=Conveyor belts remacdemise, 24= I allen pulleys on conveyor belts stack

25= Hot Gearings on head der tail drives

26= Conocyur belt slips - overloaded etc.

27 Both Water force blown slopping Comments
24 Strap on pleasely gount of water broken
29 = 'Strap on healer broken allowing include
Conveyor to run buck a dump its load

at tail pulley -

30 Shakes parts loose

31 shaker sheared

32 One or more sections refrahaber she ared

33 = Drye 6 Cocked

34 Mouth of cutakes at Dryer 6 Cooked particles, with ore -

34 plates at whate bent by overheating 35 Screens worn

3\$ Screens Gent or Gellied

39 Hole in persons

funce living burned out, should be patched

40 Scraw Conveyor under dust bin 600 ched

497 Sampler chain broken -

43. Reaugn hat on Exhaustin water Cut off-

12

/3

the wanager of the plant will be responsible for the running of this plant, Except as to the Enque and the Maters He were see that his men take advantage of Every stoppage from any Caman to alcan up Their smaller thoroughly of closed Their working a celoo have them Examin as often as galerable (he much alle differ report to any under wear should be reported, periodically the rolls Obacelle Examine for loose plates battor in Case any are found to report to masen mechanic who will allend to having them tightened ~ 1. The Manager should endeavor to keep his plant in prime condition

Chattering with the ording a yotem notify
the old dest.

Any michanical despress desired

Notify the privation breedanic

any ateam paper defect to be seemed in

Notify there is conting with bett driving belts or

Conseque betts notify the Conveyor Gelf clerk

any with best driving with bett driving belts or

Conseque betts notify the Conveyor Gelf clerk

any with best or notify the diff

wound by the book and on the formal with the conting of the conting th

2 Motor D The number of unspictions Wotar DEpt. to 62 deceded upon by the Quet or roules made out so This clopt has change of all the motors, and all the 4 visits can be mades + necessary clanning 62 done the Juney Chambers Dwitch of Dynamio Chambi The Impretor shall note lemperal on The plans on the flant but does Thermo in all important not have change of the gunny chamber quote in Large dypa Dynamas inthe Who Goeof time & Comp Jaily Wouse J. HE will clean Commentin The Meters one to 62 with Crocus paper freces uspealed four times per See trushes are of right point Obift of ten hours that there are no dust

3 Malar D Icaks un chamiles found report, note anything necessary to be fixed If passifico once ench Dan the route should be so any that Evel Mater Can Ge unspected while well is Shut down 2 ither morning mooner night so condition) af straps Eté Can de noticed, also note hat Gearings - condition youtply of oil is right on Chamber

4 Mata D Wasar DEviso such printed reportation for inspections the dept both as to reports from mento manager of manager to office - as you think neces we want to get everything down in h (nok & cohite. et almoste add nighting adddimal youm Conveyors should be this dept - I think -

Comount Trucking blant,
Ward for the wirt changes
from Ohalk plant,
also Draw up Kilmpeant
on same lines.

Master Mochanics dept This includes the machine shop force The Cheefol Repaired force The Reggain all work to 62 Lone chance be on order sheet of approve) by oupt or his our selve when when suleming Laly mopicars of Dept Departs is the Egureleut of approval by supt,

to see that the Elevators are Carveyor dept-CDI Cracking right, that balts The dept modules accorde muts, ste a vall carreyons Conveyors scraper, buckets are Kept light, see to purched Serger and Elevators with Stuck ofer pulleys - report com plant, as well as all hat beaux (from want of out) opouts to above to oic airt -Sundayo are to 62 our of The Maringar well Go the Just ago of work -Ocoponio 6 Ce for Keeping all the Gello running True anything top word mechanica for take up the betts after that my you dept cannot they liave vagged to a production point so as to prevent a by report to marker Michanic - authur 6 Cock co Ron runnin regarding out report to Oil

of you dept consult

Supt - anything

sugarding your min

suport. Etc suport to manage

of the plant

Al own live is

a lat more to be

added

It is fortable that a little exter on got well he recessary to green unfections an assistant & to over the plant throughly. so fact him on - I must to

en on the side of too much imperture rother than not enoughand boun from letter experience that med los of two at many can be save by catching and from limiter before they get

[ATTACHMENT] Start com ex OF though out the chemical How office and fact engling which may effect efrement of the Some

and should be find anything which reginar medito attention le vill notify the Superitentant at once -No well note his report dowly and law it in the office of & O.m. so it may be gone our by the Manager or Superitudent who will vone recessory order as refours to Hee wel pay fartranton attention to the following Conditions of motion

clambre of motor chamber

TATTACHMENTI

Surse mity lotte, stude to were on rel flater, logspen + chuten Condition of browning of belt condition on bearings' Bot deliverer of so weh Whater cool plant in hept clean Seals or deliveres that wake excessive dust. He well also infect who a Confull importion about once each month of yeart Doll - about once

eny two needs the three sets of and about once each heeke the their sets of fine gunding with - also about engy two weeln the when in the elevation - the superitendent well Jorde Josepher Lelly for the mojestion where recessary - he will all to the alove special inspection Notem in his gragement are recessory

We nel toke daily records of the electrical power in soch 'plant' olio temperature of injections and ejection water. The disfection is in the executive department and especial language of the sent each day to the aringe office.

Same an clame - of for any

risson to

Edison Portland Cement Company Records Plant Operations - Notes, Lists and Drawings by Edison (undated)

This folder contains undated notes, lists, and drawings in Edison's hand, along with other documents with notations by him. Most of the material is probably from the period 1903-1909 and relates to operations at the Stewartsville works. Included is an estimate of daily costs for an unidentified briquetting experiment. Also included is an item pertaining to the New Jersey and Pennsylvania Concentrating Works that is probably from 1896-1899.

All of the documents have been selected.

Lake in roof-windows the fixed or that no water gets on Get. 445 -2nd Balt hales to seeme lagging on head pullary 445 - have Edgestrimmed leke a so belt lacing don't wear on Edge holes. 3rd Roofwhere Gelt comes under track Should be raised or cut away a Little so belt don't know go don't strike when belt suply 4= 9 natice that return Gelt under a bind u pump house don't

Think these framing she be raised up the same as we raised the top so belt vino a idlery as it is now it strains but unnecessarily also "X" The will have big prespore on it

no great hurry + he can pack night cefter packing 'each should be tested 6th Experiments should be tried with shellow glue Ele to close the ruit holes where oil leaks

I think 10 to 20 more ideas should be put on the under side - It will be beller for the (WE should put Enough lop Tohero in to reach 2/3 rds the length of stock Holisibut don't move present idlers ultimately we will double the idlers on top of Gollon Then they well be only 22 breakers on top + 4 ft Center on bottom

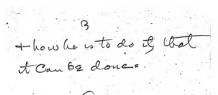
The Idle west head pull Showed be put on the oil system of attending the atter one at a other end of slock on under and 10 Davey complains that the dog on Regulator for ore in stole house goes so man Court Nigulati also that floop at Chules under stock house are rush It all going Very hand, This should all de frated so man Can Control The amount of orE Easily of releabily

Done device shared be used to fill gop between ropes on belt of 4+5 9 think a canvas pad filled with woof + drawn down by the lacing will answer 12 = To prevent the rape from absorberg moisture we showed oil it with mill oil from a small against con-squite about it until the rope has taken apace che o'le it well take - also oil lacings this will preserve loving & rope = only put one wan ord

The best persistently goes to one Oide on one or other + to other side at another scation I think this Can be entirely Corrected by moving Doler bannage very slightly, there is grobadly enough slock un holis colore add go to permet this -When any particular 100 like this ist. be Dane use machinists not Competers or Mill men-Trust no Carpenter or mill man without you or you enspection is right there of Trapieta Knows collect es to be Done

from the Inspectors report Ever night at 5 velock- you take Wants book of make out your orders arrange furth night outside foramen just what he has to do of also with night foreman of Chop just what he has to do arrange with Burns or what wend he white weathat is would from shop = The inspector for your dept you out and work = - out at aught or

Wallery -Criterion, that was a 6 atch 106 grathing was arranged V telight not to change the Elev properly Colon we become Knownt would carried plans d' Gig Elevius dolar starting plant, WE can made I so that change after plant is rugining 70 alead could 62 made m 146 hours of yet averything recipy of Everet Eg 3 platto to proper took of proper took is provided with 4 man it will out of pring will Except to where the Connection at Each landing- and Aremové the Élander ceokech of porcepuly planted could 3 or 4 Rape Opliano from Kobelings in addition 62 done by 3 gauge in 3 or 4 Dollo I and to the to our wen & plenty helpers of all wrillen Elevater the quest time it down garanged just took to fatthe one at what Each man to to do Clinker clock in



Masor 18/2

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ì

1st new daniper its top Kihn stacks -2 Screw freds for fredung chark to Kilns -30 Berow 24" 6" stch take Chack from CSHKH to Rely. 4th new 3 High Roll leke No 2 chalk Rivett some char 5th Drive granty 36" belts at Tail wanger hand dry

8 - Get out havy dure for had Jen 110setts Con 109 10 - Put tum up lutt - or 24" Senew 1" petet in con 117 - also mes down in but is week 11 - But out new chalk fuel dumos for all Kilus. 12 De get out now damped aways. 13 & bil out plan for med heavy tim lestings for #1+2 looks

- 1. Make diameter of drive pulley same as 1 and 2. O-1276?
- 2. Make bearing on lightening sheave larger so pressure will not be more than 100 lbs. for sq. inch. 46767
- 3. Design bearings so they can be supplied with a jet of compressed air to keep dust out, when the supplied with a jet of compressed
- 4. Get up better mearing device . bath steel a wood, strain off
 - 5. If practicable but had power worm on driven roll coupling so it can be easily turned for coupling an in the coupling so it can be easily to be thrown out of gear when machine is in operation. Break the practice turned on the coupling so it.
 - 6. It may be desirable to make mandrel larger in diameter so to to use worm plates that have been regulard.
 - 7. Main coupling should not have over 4 bolts. Which can be readily removed.
 - 8. Make dap botts that hold retaining plates on end of sharts larger. Not less than 1,1/2" bolts. bitter fund out every the 7/4 ones knock

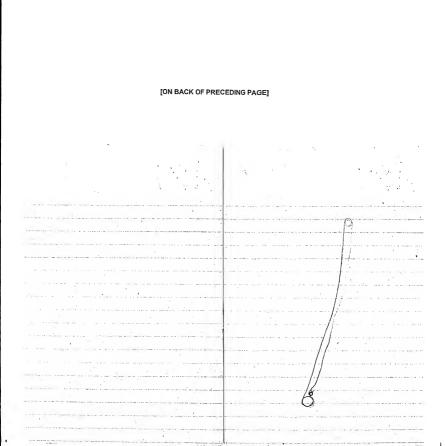
 This papers & t #1,7,3, old Ward

o Try spring sheaves to take attain off of ropes. : only on 14 subsecting

11. Make short spaning blocks or spreaders between couplings where rope is put through. Short pieces much easier to handle than heavy plate, which binds bolts.

	7
No 2" Chalk Roll to have changes marting	Ring puter Thrust flanges All Kilns-
New plates for 2 nd 34 Charles Croll-	Settles Chimney put in Coal Dreger -
Screen-aix for gyponn feed	, Some Skips to have extensions on hald mo
e de la companya del companya de la companya del companya de la co	
de air ay tolor for chalk 6 ms at Kilos	Coal Plant reconstructed,
New direct Connected Enga Dynamo-P Plant	New Coment 3 h Roll amorninged a roller feed etc
New Alower regging - spicontoro -	
and the same of th	Working plans new consubstitues for Elev 2
8 more Elevero Coment BH Xº2 new style,	Some Scheme for getting sluff out R.S. House
. S Dumps BH, clinings to Separate delts,	Newsprokets 125 126 -
The second secon	
Better Special Tollar	Larger Matter en 2nd 36 Clauker C - sprande

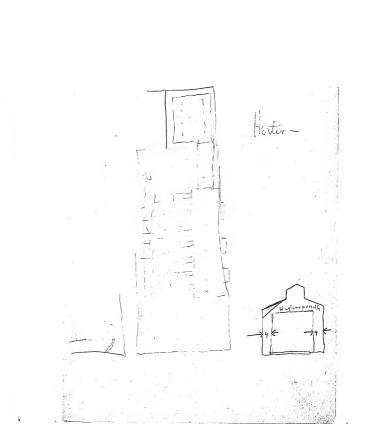
Mene Roof have side truscas



The most rapid Coment Doroh Doroh is oxide of Line or Coment - is -Strong seprepy Solution of placed thoushour Oxde of Magnesia -Chlorida of Magnesia cell to sets oo fait when a Concentrated Solution to hard to my it & get of Chlorida of magnesia t in post on Wadded to oxide afmaquesy its used for filing a quickly myed to a prolessor like Considering it colle soon harden t Its the Same this Lodle Zinc Oxidea

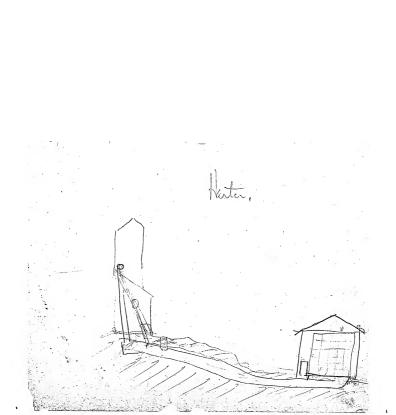
Chloride of Zine

2 Hardwilling Coment = Incline at beat position not to Coor dine 20 Incluse must such present floor of away and with such a passal we a angle to present it to go at least to the 200 ft (or more) level.



1st Change No 3 Conveyor to a belt Conveyor. 2nd Change 4" magnets to do away will Rfed 3rd . Fix up Hoiof for 3 High Rolls 4th of possible put stuffing Goxes and I He pulley Intermediale or priperfor vil nistered prease of its practicable It is wearing very bad omen will not alland to greating .5th = The small casing on 3 Aighrobles too thin Should be make of wrat une or steel or alrengthmad, or phosphor Poronge 6= New wheel or of) wheels changed on Elevators so we can get a stuffing box m or oil Cups have Gooding ring so orldnet leak out Don't want to full cups oftener than & once month

HERLE 36"



· Water o yeally shalf 2000 lbs oliens consider to one 242 Hp- toget the stream Ropes must pull pullings together 10000 Lbs this cause fruitin on shaft being with Coefat of 1/10 6 Hp 4 5 1 P. CC " 18 HA afwelt planty oil Coaff reduced to to Theo 12 Hpbs vaned merch Race - on 6 Poll, 12 Ropes in ombress, litte 1 18 melibelt work of the square to 36" collembelt, 72 Hp or 1440 Hp hour diely Box Regionale have to be kept for by tight or ~ puch drug must so was Juli-4 We should have O'll fetter Capacing of 300 666 och 45-got to ble mi 124 hours 17500 gallons 9 think a feller bay well do 20 galo day 20 1000 Gagi will be meers my 6 m row - or said & Rows Boff Long - or 3 Rouds to ft long 6 degrade Jank for good o'd a bod o'ce shope itel 300 6.66 ench =

Belf best without 15%.

Sie Fly 21/at - 4 Hours

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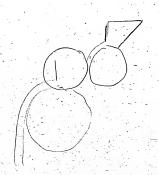
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New Spiratects 125 126+-chilled !-3= Proper distributor for Grovers adestributor (55) 4 Plank wack to get to Shaking blands on Blower Dors on Blower settling Thambers of Canvas + plank 6 S Dumps changed to Red best - ace Roll beach at S'chape -7 = Some means to Loosen up morning ben stuffer RS House I min 9= Utrot won down per 3ft-Contral of Coalest 5-0- Belt downt from Chalk to Keln Scene -5 New Rall for fine grand 132 & Removed susperate City Rope Drive NO 2 Elevator replaced Ging Gelt Con Wilding Rape - orlang + B5 dope-New Ropes No 1 Elan less champs-shedder at lop for spir. Bottling Stack for Cond Dryan additional Conlegacity 18- water water in Body Hound Check C - Rella Derson for Coal stop pable Duplica en dent clamber of 102 on 101 Drager 21 = Hollin Rokes, Sectional, Con order clarker Stock Hon 22 Remore S Deempo No 2 Blower -Put Tires on Callina No 1 +2 Kilus Show Down Cooler to Congreat 25 Stop Excession draft with Kilm on your. 26 Extra steel profesod pinion on Kilm 1 of 2 - Howalt 3+ 4 anger See if our can be plumped out check Slow-Charact belt down - also top Gener Slove 29 stop dust at deleve - at Coal Dryer -30 - new mandade on chack Rolls for ground plates 31= 3/ CWEEded Cable of - 10" acreglander

= New Spring Woolpacking idea for lange Gearen

3)- Marco 6136 ginde 18ter 36-Ampares doperant 12ter 37- Dopmy Gelt B5 or Jululong in Bengine -



gave Lehma Kong R Es cumbe 3500 day Cost 2 3/4 to 4000 Grade 1800 Brix - 400 Rosa Coal 3 00 thes meludes \$50,000

EDISON PORTLAND CEMENT COMPANY RECORDS PLANT OPERATIONS - REPORTS

Edison Portland Cement Company Records Plant Operations - Shop Inspector's Reports (1901-1902)

These three bound volumes cover the period April 1901-August 1902. They contain inspector's reports and related documents, including correspondence. Most of the reports are by Morris D. Jayne; many bear marginalia by Edison, draftsman William Simpkin, and engineer Edward A. Darling.

Approximately 30 percent of the documents have been selected. The selected items contain substantive notations by Edison.

EDISON PORTLAND CEMENT COMPANY RECORDS

PLANT OPERATIONS -- SHOP INSPECTOR'S REPORT (1901-1902)

VOLUME I

PATENT 281.657

> Vault 12-4 Cabinet 402 Shelf 3

Mr. R. A. Jaques:-

April 19th,1901.

Commencing Monday next, the Inspector's reports are
to be pasted in a book on one side of the page, the opposite page
is to be left blank and Mr. Darling will either notify us that the
suggestions made in the various reports are not to be followed, or,
that the work has been completed. When the work has been completed,
the date of completion is to be marked on and the item checked off.
This will enable us at our end to keep track of the state of the

Please take the necessary steps to carry this into

Yours very truly,

JVIAN Jo

D.S. 32208

DENNISON & SONS, STATIONERS, No. 2 LIBERTY STREET,

THE EDISON PORTLAND CEMENT Co.. -W. H. MALLON TELEPHONE: GENERAL OPPERS GINARD RUILDING, PHILADELPHIA, PA. W. S. PILANO ORANGE OFFICE: EDISON LABORATORY, ORANGE, N. S. ----TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. IMARON I. COAFE Tron. A. Rrewin. (P. O. ADDRESS) STEWARTSVILLE, N. J. Apr. 20th, 1901. HERE WAYNERS BPR 22 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspectors report for Apr.19th, 1901. Inspected one finished complete tail pulley.O.K. B-341. Rejected 7 spiders(cause) broken arms, these spiders were in-spected and accepted but have been tested since by being harmered. Pat. #221. Inspected 55 finished idlers pulleys, 52 O.K., 3 rejected(cause) broken arms and 3/16" space between staves. B-138. 34: Inspected two roller feed hoppers(one hopper from the Laboratory)
the the hoppers will not true up as there is not enough
C metal, this can be overcome by planing off chipping pads and 1/16"
off of lugs that secure hoppers to I beams. 4: Side purlines on right and left side, connecting with first and second columns(north end) are of 3 x 4 Ls. While all the the rest of Purlines on Bolier Rouse are of 2-1/2 x 5-1/2 Ls. the faces of these do not flush. Blue print calls for all faces the flush and 3-1/2 from columns. Have drawn the attention of foreman Angle that holds side purline at bottom of east column, north side, is riveted on 3" too high in charge to this. 5: Top of rocker arm(at valve rod stud right side)is cracked on Locomotive $\#\Sigma$. Stone crusher engine is pounding. Journal cap is loose and 776: possibly crank. Machine shop engine is pounding. Yours very truly,

De kennony.

THE EDISON PORTLAND CEMENT Co., TELEPHONE General Office of Strand Ruleding, Philadelphia, 19 ORANGE OFFICE: EDISON LARGRATORY, ORANGE, N. S. STATION, NEW VILLAGE, N. J. TELEGRAPH AND PASSENGER, (P. O. ADDRESS) STEWARTSVILLE, N. J. Apr. 22nd, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:all this work com Herewith find shop inspector's report for Apr. 20th, 1901. -5: Inspected two pillow blocks Pat. 929, the base holes are not cored as the the blue print calls for. There is a rib of iron 1/8" thick passing through the entire length of oil hole. More metal thick passing inrough the entire length of old hole more metal awarded on joint. Back ring in some of the packing chambers are cost so irregular that they may not true up. Holes in old chamber are cored 3/4" x 1/2" this is 1/32" larger than 1/2" pipe tag drill. I have mentioned these bearings before in my reports and I wish to know at once if I am to accept them. 6: Inspected two dust proof bearings Pat. #929 and #930.
Dia. of bore of #8 bearing 2.462 x 2.473 x 2.485

" " #7 " 2.460 x 2.475. 300 The babbitt in the caps of these bearings is slightly loose along the joints, file marks in two of the joints. Machine oil will run through the joints in about two hours. I wish to know at once if I am to accept or reject these bear-Inspected 40 rough elevator castings, 39 - 0.K., 1 rejected(Cause) broke. Pat. #959. 138: Inspected 202 finished idler bearings 0.K. Pat 730. 139: Inspected 19 rough brackets Pat. #937, these brackets are 3/16" too long where they rest on the I-beams. O.K. 140: Inspected 14 rough brackets Pat. #936. 0. K. Inspected 40 rough elevator bucket castings O.K. Pat. 958. 142: Inspected 26 rough feed rolls for stock house 0.K. 143: Inspected one set of finished wedges for 10" pillow blocks.O.K. Shop letter A. Inspected 40 finished idler pulleys, 38 - 0.K., 2 rejected(cause) not true and 3/16" between staves.

jan 31. I wrote own think pages of instructions at Art. Edison's request asked them that when they had a beauty complete to each it live - more account
Non initial Earthur or proposition - arguerth chimits be

beauth to compression - Q Some Gody has got to decede at once on this bearing qualton, is Morros Co to town out contings Can inspect willingsvilly = Consult all go desinto Stammerillo &

Herewith find outside inspector's report for Apr.20th, 1901. Examined and accepted one tail pulley(finished complete) 9: Examined and accepted one intermediate shaft for Rock Stock House deliverying. B-352. Examined and accepted one head pulley intermediate shaft. B-341. 1: Examined and rejected one head pulley main shaft. This shaft is of cold rolled stock and is .003" under standard at fit of spider. The chain growe at short end is 5/32" too small in diameter. 2: Conorete piers for pillow blocks in Shaft Lean-to of Crusher House are off center with shaft. The wouth pier is off 1/4" and runs out to 1-5/4" at north pier.

THE EDISON PORTLAND CEMENT CO., W. S. MALLON W. St. PELLING, ORYMBA OFFICE I GRAND SUILDING, PRILADELPHIA, PA-THEOR L. COANS. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. Tune, A. Heness, (P. O. ADDRESS) STEWARTSVILLE, N. J. Apr. 23rd, 1901. APR 24 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for April 22nd, 1901. 145: Inspected 47 finished idler pulleys, 45 - 0.K. 2 rejected(cause) 1/4" space between staves. Inspected 127 finished idler bearings Pat. #731. O.K. 147: Inspected two finished complete tail pulleys, each of these pulleys have a filling pieces 3/4" thick nailed and glued fast to two staves to fill up space between staves. O.K. Yours very truly, M. J. ay M.

THE EDISON PORTLAND CEMENT CO., W. H. PHAINS. TELEPHONE. DEARGE OFFICE: RIDINGN LABORATORY, ORANGE, N. 4. 431 EASTON, PA. THESEN I. CRARK TELEGRAPH AND PASSENGER STATION, NEW VILLAGEN, J. Trees, A. Bruses, OTONS, MANAGEMEN (P. O. ADDRESS) STEWARTSVILLE, N. J.Apr. 24th, 1901. Mr. W. S. Mallory, V.P., MR 25 901 Orange, N. J. Dear Sir:-Herewith find shop inspectors report for April 23rd, 1901. Inspected 63 finished idler bearings Pat. #731.0.K.

" 1 " head pulley O.K.

main shaft O.K. R 150: main shaft O.K. B.P.B-341. O.K. 5 rough head pulley elevator shafts size 7-11/16 x 151: 8'11-1/2" O.K. 2: Inspected 43 finished idler pulleys, 39 - 0.K. Rejected 1 cause broken spider, rejected 3 cause flat staves. Herewith find outside inspector's report for April 23rd, 1901. 3: 16 Head House Posts in Clinker Stock House marked P-21 and 2-22 have four holes in each punched 1/2" too close at connections of top. 41 Within about 50 foot of west end of Read House of Rock Stock Rouse the runways are out of line 1-5/10". This has been changed by claim to tolts of peak plates of trusses where bottom channel of lead House Trusses against 36: Quite a few rivets are not being driven and seated good in framing of Tunnel Conveyor of Rock Stock House. This is due to cramped position men have to work in Rivets fill holes and are otherwise tight. We keeneny. * 784 throng punching by Phoneic 62.
It shotes mines have been per-drilled night
to piece, bothed bogether again in when
to purpose the punching frame. * 783 Dauphin & and this punching -

THE EDISON PORTLAND CEMENT CO., W. S. Marrow W. M. Principal 21 GIRARD BUILDING, PHILADELPHIA, PA.

Orange, N. J.

Telegraph and Passenger Station, NEW VILLAGEN, J.

P. O. ADDRESS STEWARTSVILLE, N. J.Apr. 24th, 1901.

Mr. W. S. Mallory, V.P.,

MR 25 901

Dear Sir:-

DIRROW I. CHANK

UENG HANAGE

Herewith find shop inspectors report for April 23rd, 1901.

148: Inspected 63 finished idler bearings Pat. #751.0.K. 149: head pulley O.K. 150: main shaft O.K. B.P.B-341. O.K. 151: 3 rough head pulley elevator shafts size 7-11/16 x 8'11-1/2" O.K.

2: Inspected 43 finished idler pulleys, 39 - 0.K. Rejected 1 cause broken spider, rejected 3 cause flat staves.

Herewith find cutside inspector's report for April 23rd, 1901.

3: 16 Head House Posts in Clinker Stock House marked P-21 and P-22 have four holes in each punched 1/2" too close at connections of top.

4: Within about 50 foot of west end of Head House of Rock Stock Bouse the runways are cut of line 1-5/10". This has been changed by taking out boths of peak plates of trusses where bottom channel of Head House Trusses against.

5: Quite a few rivets are not being driven and seated good in framing of Tunnel Conveyor of Rock Stock House This is due to cramped position men have to work in Rivets fill holes and are otherwise tight.

a Dokumeny.

* 784 throng punching by Phonic 6. .
The twice much have been pe-drilled night
the pieces bothed together again in order
to pupping the punchage frame.

THE LIDISON FORTLAND CEMENT CO.

W. M. PHARMA THESON I. CHAR PROPERTANY. Tues, A. Rosser

OPPICE I GIHAUD DULLING, PHILADELPHIA, PA. RE GENERI EDINON LAHGHATORY, OHANGE, N. A. TELEPHONE: Telegraph and Passenger Station, NEW VILLAGE, N. J.

(P. O. ADDRESSO STEWARTSVILLE, N. J.Apr. 25th, 1901.

APK 26 1901

In re Inspectors! Reports.

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear Sir:-

Replying to your letter of the 20th the following is an explanation of the articles about which you ask.

Paragraph #129: Laying out plate due to condition of planer.

Tail pulley bolts have only been battered with

prick punch. The roller feed hoppers have to be planed off on the pads to allow the hoppers fo set low enough

on the beams so that the space between the feed roll to be expected + and hopper shall not be more than 1/8", in many cases the pad has to be all planed off. This due to the fact that nearly all the hoppers have strained

in pouring making bottom very thick. I also wish to explain paragraphs #781 & #782 of report dated April 22nd.

781: In feeding in to cut oil groove lathe hand cut too deep. As this shaft is otherwise O.K. I propose to use it if Mr. Edison approves.

Of no consequence. In rought concrete work the plank bolts are pelforms are liable to shift slightly from ramming.

Very respectfully yours, The Edison Portland Cement Co.,

Edward a Warla

THE EDISON PORTLAND CEMENT Co., W. St. Masson W. S. Phase, AT OHIARD BUILDING, PHILADELPHIA, PA. 431 BASTON, PA. TREEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. TROP, A. Elliens (P. O. Address) STEWARTSVILLE, N. J.Apr. 24th, 1901. Mr. W. S. Mallory, V.P., APR 25 (90) Orange, N. J. Dear Sir:-Herewith find shop inspectors report for April 23rd, 1901. Inspected 63 finished idler bearings Pat. #731.0.K.

" 1 " head pulley 0.K." 149: 150: main shaft O.K. B.P.B-341. O.K. 3 rough head pulley elevator shafts size 7-11/16 x 8'11-1/2" O.K. Inspected 43 finished idler pulleys, 39 - O.K. Refected 1 cause broken spider, rejected 3 cause flat staves. Herewith find outside inspector's report for April 23rd, 1901. 3: 16 Head House Posts in Clinker Stock House marked P-21 and 1-22 have four holes in each punched 1/2" too close at connections of top. Hithin about 50 foot of west end of Read House of Rock Stock flows the runways are out of line 1-5/16". This has been changed by taking out bolts of peak plates of trusses, where bottom channel of Read House Transes against: Quite a few rivets are not being driven and seated good in framing of Tunnel Conveyor of Rock Stock House. This is due to oramped rraming of runnes conveyor of most stock mouse rinks is due to orumped position men have to work in Rivets fill holes and are otherwise tight.

Yours very truly, ackemany. * 794 torong punching by Phonic 62. The holes much have been pe-drilled night to pieces bothed together again in order to purpose the purposes to purposes. 783 Dauphin & C ded thin pound

April 26th,1901.

Hr. E. A. Darling, H. E., Stewartsville,

N.J.

Dear Sir:-

Acknowledging your favor of the 25th inst. "In re Inspector's reports", paragraph #781, you can use this shaft.

Referring to Inspector's reports of April 23rd and 24th, paragraph 763, the Dauphin Company are responsible for this punching. Paragraph 784, this work was done by the Phoenix Company and we suppose the holes have been re-drilled right and the pieces helted to-dether again in order to support the runway frames.

Mr. Edison writes against these two paragraphs: "Darling explain." Paragraph 786: "All right." Paragraph 165, we know that there are some file and tool marks visible on this surface plate and we also know that this is correct.

Paragraph 156, this bearing, pattern #851 is evidently no good. Paragraph 786, we do not quite understand what the man is driving at.

Yours truly,

PRESENT.

W. N. MALLONY,
VIEW-PRESET.

W. H. IVILANO,
VIEW-PRES.

TORRES I. CHARK.

SPERMEAN .

TORRES A. HUMBER,

GENETA MANAGERIA

THE EDISON PORTLAND CEMENT Co.,

GENERAL OFFICE: GHEARD BUILDING, PHILADELPHIA, PA-GRADIS OFFICE: EDISON LABORATORY, ORANGE, N. J. TELEPHONE:

BEARIN OFFICE EDISON LABORATORY, ORANGE, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESSO STEWARTSVILLE, N. J. Apr. 25th, 1901.

AFK **≥6** [90]

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear Sir:-Herewith find shop inspector's report for April 24th, 1901.

153: Inspected head pulley at top of Dryer O.K.
154: " one pulley at rock stock house O.K.
155: " one surface plate from the Laboratory. File & tool
marks visible, no means of testing plate.

56: Inspected one dust proof bearing Pat. #851. The joint of this bearing has been ground in with emery? Lachine oil will run through in three hours.

157: Inspected 45 finished idler sulleys O.K. B.P.B-138.
158: "one head pulley for rock stock house delivery O.K.
159: "76 finished idlg benings. Pat. #731.

: Mellayne

Herewith find outside inspector's report for April 24th, 1901.

36: Would think it very convenient if the exact weight of bearings, feed roll and shaft were found, then to hang an offset brackets Pat. #808 and Pat. #807, when leveling, a weight equal to these, as a mobile after bracket has been leveled and weight of shaft rest on ame it springs brackets out of level from .004 to .006 not .

Yours very truly,

a Ookenning

13 4/25/1501. CX

Des- Helper, all Dight "I

1 4/31/19 OX

Wrote . saying did not know what

the man was downing at when at Steinahantle may-2- tick the up - the suggestion is N.G.

Surpli

D

			* ***
THE EDISON PORTLAND CEMENT CO WAS DEADLESSON WA			
(P. O. ADDRESS) STEWARTSVILLE, N. J.Apr.26th,1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-	Mes acception	Affect "B"	
Herewith find shop inspector's report for Apr.28th,1901. 180: Inspected and accepted one head pulley intermediate shaft B.P. B-341. This shaft is turned 1/10° below size for 7/8 this will come in wool packing chamber 1/2° from thrust collar, Grove in end of saint for collar that secures gear is turned 3/32° below size. Man, 161: Inspected 12 rough brackets Pat. #936. O.K. 162: "11" 937. O.K.	.4694	OX OX	
165: "6 rough idler bearings Pat. #731. O.K. 164: "1 finished tail pulley. K. 165: "60 finished idler pulleys, 58 O.K., 2 rejected(cause) broken spiders. 166: Inspected one finished main gear for conveyor head pulley.O.K. B.P. B-321. 167: Inspected 75 finished idler bearings O.K. Pat.731.	Mal .	ek ek ek	
Herewith find outside inspector's report for Apr.25th,1901. 787: Would think it necessary to extend pipe of safety valve through root of Boiler House of Machine shop. 788: Vasonry being too high about 3/6" where pillow block of drive	78 A	Alter de l. to	
788: Jasonry being too high about 3/6" where pillow block of drive shart for lat set of 36" rolls sets dn, 5/32" has been planed off bottom of pillow block base and 5/32" off top of pillow block and the standard off saddle. 789: I-beams in arches over tunnel, at slots, in Clinker Stock House have not been put in. Concrete is now being ripped out to put them Yours very truly,	<u>7</u> 47 7	<u>N</u> ∀.	
Je berney or to Carlo the Calsoning of the Land of Calsoning of the Constant of the Calsoning of the Constant			

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THE EDISON PORTLAND CEMENT Co., W. H. MALLORY W. M. PYLLING. TELEPHONE GENERAL OPPICE ! CHRAND BUILDING, PHILADELPHIA, PA. DEADER OFFICE I EDISON LABORATORY, GRANGE, N. J. 431 EASTON, PA. Torston L. Charle. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. RECHETABLE. Tors. A. Bress, ----(P. O. ADDRESS) STEWARTSVILLE, N. Japr. 27th, 1901. APK 29 (90) Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for Apr. 26th.1901. Inspected 11 rough main pinions for head pulley.O.K. B.P.B-321.

" elevator bucket castings. Pat. #958. O.K.

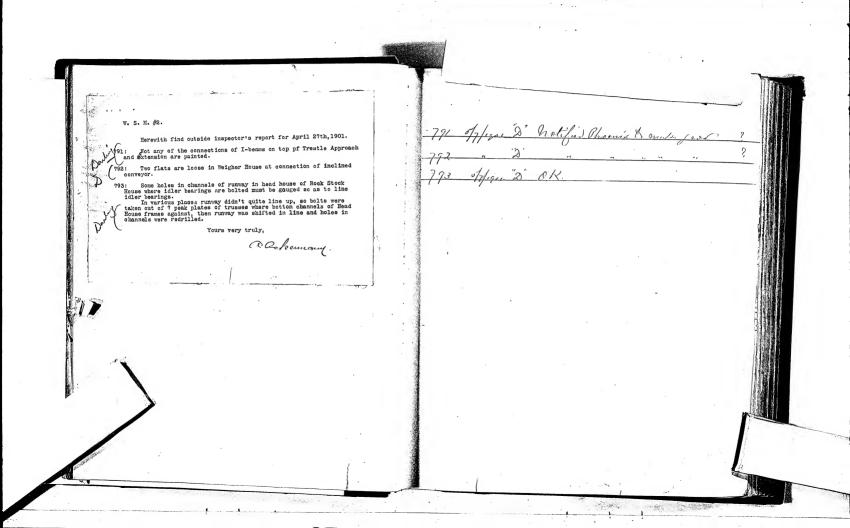
" 9 " " " 959. O.K. 170: 71: " and accepted 11 rough main gears for head pulley. The diameter of hub of these geafs measures 7-3/6", this is i less that size specified by B.P. B-321: Inspected 11 finished motor shaft pinions for head pulley.B.P. B-321. 0.K. Inspected 64 finished idler bearings. O.K. Pat.#731. Inspected 25 finished idler pulleys. O.K. Inspected one finished tail pulley shaft B.P. B-341. O.K. Here with find outside inspector's report for Apr. 26th, 1901. attended D: At bottom of runway of housing for inclined conveyor 2 gusset plates are split at rivets. One at each end. There is also one angle brace split at rivet at connection with one of theat gussets.

Another housing at bottom of runway has gusset also split at Both these housings are for inclined conveyor between Weigher House and Small Rock Stock House. Yours very truly.

THE EDISON PORTLAND CEMENT CO., HAL OFFICE: GIRARD BUILDING, PRILADELPHIA, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J.April 29th, 1901. MH 30 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for April 27th, 1901. Inspected one finished tail pulley shaft B.P. B-341. O.K.

" 98 finished idler bearings O.K. Pat. #731.

" 35 " pulleys, 34 - O.K., 1 rejected (cause)1/8" below size. 179: Inspected 28 finished shafts the following is the sizes 7/16" dia minus often the f- spetter of the standing of the true on and terming often the attrong of the attrong of the standing of the standi .010 x 15'10" ---(Rejected) cause a seam running (the entire length of shaft (probably 1/4" deep. .009 x .009 x .007 x I wish to know if these shafts are to be accepted.



THE EDISON PORTLAND CEMENT CO.. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, No. J. W. S. M. #2. THUS. A. MINISTER. Herewith find outside inspector's report for April 27th, 1901. (P. O. ADDRESS) STEWARTSVILLE, N. J., May 7th, 2201 91: Not any of the connections of I-beams on top pf Trestle Approach and Extension are painted. In re Inspector's Reports. Two flats are loose in Weigher House at connection of inclined 881 - 9 '901 Mr. W. S. Mallory, V. P., Some holes in channels of runway in head house of Rock Stock House where idler bearings are bolted must be gauged so as to line Orange, N. J. idler bearings. nuscreamings.
In verious places runway didn't quite line up, so bolts were taken out of 7 peak plates of trusses where bottom channels of Head Bouse frames against, then runway was shifted in line and holes in channels were redrilled. Dear Sir:-Replying to your letter of May 6th regarding various items contained in the Inspectors reports. Yours very truly. April 19th 774: Has been repaired 776: April 20th 781: In feeding in to out oil groove lathe hand out too deep. As this shaft is the feeding in the control of the feeding in the control of the feeding in the has been the inspector says that this has been feed in the feeding in the fee 777: " 792: 793: This is now O.K. 30th 184, 185, 187, 188. See inspectors report Very respectfully yours, The Edison Portland Cement Co.,

THE EDISON PORTLAND CEMENT CO., ORIGINA OFFICE: GIRARD BUILDING, PHILADELPHIA, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. April 30th, 1901. WAY - \$ 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspectors report for April 29th, 1901. (180) Inspected one dust proof pillow block Pat. #653 & #654, Shop #5.

No The babiltt in this bearing is slightly loss. Bore O.K. The joint to the warmen was a superior of the babilt in the bours. Distance from center of bore to base is 4.299 should be (180) 181 Inspected seven finished rollwr feed hoppers for rock stock house. The radius of four of these hoppers will true up within 1/2" to love and of radius and 'here is from 1/3" to 3/3" space between to late and of radius and 'here is from 1/3" to 3/3" space between bolland disper at this point. Ohipping pads have been planed off to bright radius within later. These are being put in stock house at present 2: Inspected 121 finished idler bearings.O.K. Pat. #731. 5: Inspected 35 finished idler pulleys, 33 - O.K. 2 rejected(cause) 3/16" space between staves. M. 10 Jaym. Herewith find outside inspector's report for April 29th. 1901. 4: Cam dn shaft of Stone Crusher seems to be worn out as swing jaw has very little motion. Only one side of crusher is in working 5: Some of the structural work of Clinker Stock House is not being cleaned thoroughly before painting.

THE EDISON PORTLAND CEMENT CO., ORSESAN OFFICE: GHEARD BUILDING, PHILADELSTIIA, PA. TREEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THERM I. CHARL (P.O. ADDRESS) STEWARTSVILLE, N. J., May 1st, 1901. - 3 301 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for April 30th, 1901. 4: Inspected one cast iron gear 3" pitch, 84 teeth 8-1/8" face, 6-3/4" bore, 10" face of hub, 14" dia. of hub. Keyway 1-1/2" x 25/32" 185: One cast iron out gear 2" pitch, 94 teeth, 5" face, 3-11/16" bore, 7-1/32" face of hub, 8-1/8" dia of hub Key way 7/8 x 7/16". 16: Inspected one steel cut pinion 2" pitch 12 teeth, 5" face, 3.127" bore, 6-1/2" face of hub, 6" dia of hub. Keyway 3/4 x 3/8. — Will not accept this pinion as the bore has three flaws 2" long and at least 3/8" deep. 7: Inspected one steel cut pinion 1-1/8" pitch, 17 teeth, 3-1/4" face 1" bore, 3-3/8" face of hub. 3-3/4" dia of hub. 188: Inspected one cast iron out gear 1-1/8" pitch, 108 teeth, 3-1/4", face, 2-15/16" bore, 3-33/64" face of hub. Key way 5/8' x 9/32". Inspected 70 finished idler bearings. O.K. Pat. #731. 0: Inspected 50 finished idler pulleys, 45 O.K. Rejected one(cause) — not true, 2 - flat staves, 2 - broken spiders.

W. S. M. #2. Rolf - 4 1901 Herewith find outside inspector's report for Apr. 30th, 1901. 66: Grate bars for furnace for Dryer vary in width from size(6".) to 3/10" over so furnace at grate bars has been made 1-5/8" wider than figures on blue print. 7: Of about a dozen idler pulleys that have been lined up on inclined conveyor between Crusher House and Dryerthere are three that have been shimmed up with paper and two have bottom of foot not planed off. 18: Not any of the connections of Housing of Trestle Aproach have been painted. Some of Trestle Extension are not painted that have so far been erected. 99: One of the Climax Boilers has three courses of rivets machine riveted while all the rest are hand riveted& The other one is all hand riveted. Yoursvery truly,

We R. Bertanders Residence THE EDISON PORTLAND CEME WAS A DESIGNATION OF THE EDISON PORTLAND CEME WITH A DESIGNATION OF THE PROPERTY OF THE PR	TELEPHIONE:		
(P. O. Andress) STEWARTSVILLE, N. J., May 3rd, 1			
Dear Sir:- Berewith find mhop inspector's report for May 2 198: Inspected 7 drive hubs rough Pat. #1517 O.K. B.P. B- 199: 200: 2 tail pulley frames for conveyors O.E. Pa B-541.	-392. 14.#1552. 3 O.K. B.P.	K.	
201: Inspected 9 rough elevator bucket castings, 8 - 0.K. one cause oracked. Pat. #958.XXXX. 202: Inspected 5 rough elevator bucket castings Pat. #958 Yours very truly, Mayaya	9. O.K. 203 Oc	<u>K</u>	
	A Commence of the Commence of		

THE EDISON PORTLAND CEMENT Co., CEAL OFFICE: GHARD BUILDING, PHILADELPHIA, PA-TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THER. A. HOISEN (P. O. ADDRESS) STEWARTSVILLE. N. J. May 2nd, 1901. ##1 - G '901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-W. M. MALLOWY, -Herewith find shop isnpector's report for May 1st, 1901. W. 18, PILLING, TREASURES Inspected 11 cast from intermediate out gears for conveyor head of hub 4-1/4", teeth 44, face 4-1/4", bore 2-11/16", face of hub 4-1/4". B. S. 9-851. o.K. DIEBON I. CRAH BECKETARY. THUS. A. MOINER, GERL MANAGES 2: Inspected 13 cast iron out goars Bitch 1-1/4", teeth 79, face 5-1/2", bors 4-5/8", face of hub 3-5/8", dia. of hub 8-3/4" B.P. E-367, calls for diameter of hub 7" 0.K. In re Inspector's meport. Inspected two finished tail pulley shafts, holes for set collar dowel pins are drilled out of center 1/16°, O.K. E.P. B-341. Herewith find shop inspector's report for May 1st, 1901. 800: Top valve of lubricator at connection of steam pipe on right hand side of Steam Shovel #1 aprung a lask where previously repaired. Yours very truly, Qabremeny,

Ferm 300, 6-10-1900, 24

THE EDISON PORTLAND CEMENT Co.,

Gravor Oppice: Edison Labohatory, ohange, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.,

(P. O. ADDRESS) STEWARTSVILLE, N. J. May 17th, 1901.

Hr. W. S. Mallory, V. P.,

BAY LS 1901

Dear Sir:-

Replying to your letter of the 16th in regard to reports #800 and #803.

#800. This will be attended to. 803. We have already reported on this, see letter dated May 8th. Very respectfully yours,

The Edison Portland Cement Co., Edmand a Darbins

For Orile be altered & & Si office

THE EDISON PORTLAND CEMENT Co., TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. May 6th, 1901. Mr. W. S. Mallory, V. P., Orange. N. J. Dear Sir:-Herewith find shop inspector's report for May 4th, 1901. 210: Inspected 7 finished feed roll hoppers for rock stock house. Pat. #821. 0.K. Inspected 41 finished idler bearings. O.K. Pat. #721.
17 " pulleys. O.K.
" one rough coupling for shaft driving bottom 36" rolls. Herewith find outside inspector's report for May 4th, 1901. 805: In white washing walls of Rock Stock House Tunnel structural work has been sprayed considerable. 6: Front and rear door frames are somewhat marred by riggers passing chains around same while setting up boilers in Boiler House. Yours very truly, @ Ochemican

THE EDISON PORTLAND CEMENT CO., A Generi GIRARD BUILDING, PHILADELPHIA, PA Telegraph and Passenger Station, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE. N. J. May 4th, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir: -Herewith find shop inspector's report for May 3rd, 1901. 203: Inspected 20 finished feed rolls for rock stock house O.K. B.p. C-144. One roll has keyway cut our of place 1/4". 4: Inspected: 14 phosphorous bronze rough bushings. O.K. E.P. 392. Pat. #1516. 205: Inspected 8 rough sleeves, 7 O.K., rejected 1(cause) will not true up. Inspected 45 finished idler bearings.O.K. Pat. #731. Inspected 31 finished idler pulleys, 29 O.K. Rejected two cause Inspected one finished phosphorous bronze bushing O.K. Pat.1516 Inspected one finished sleeve O.K. Pat. #1515. Mrs. Layru. Herewith find outside inspector's report for May 3rd, 1901. 801: Examine #1, #2, #3. Examined and accepted three separators A - B - C. for engines Dynamo counter shaft in Machine shop runs out at small pulley hamor gallender to 3: Columns of Clinker Stock House on west side have settled from 3/8" to 3/4" and on each side from 1" to 1-1/2" 4: Examined and accepted 10 idler pulleys in Head House of Rock Stock House that are lined and leveled. Have tested all of these Considerable chipping and filling is required on some of the holes in channels. Have examens Ving V M. Yours very truly, detustence result

THE EDISON PORTLAND CEMENT CO., OTHERAS OFFICER GIRARD BUILDING, PHILADRIPHIA, PA.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

TREPOR I. CHARA

(P.O. ADDRESS) STEWARTSVILLE, N. J. May 4th, 1901.

Mr. W. S. Mallory, V. P., Orange, N. J.

Dear Sir:-

Herewith find shop inspector's report for May 3rd, 1901.

Inspected 20 finished feed rolls for rock stock house O.K. B.p. C-144. One roll has keyway cut out of place 1/4".

Inspected :14 phosphorous bronze rough bushings. O.K. E.P.

205: Inspected 8 rough sleeves, 7 O.K., rejected 1(cause) will not true up.

Inspected 45 finished idler bearings.O.K. Pat. #731.

Inspected 31 finished idler pulleys, 29 O.K. Rejected two cause Inspected one finished phosphorous bronze bushing O.K. Pat.1516 Inspected one finished sleeve O.K. Pat. #1515.

M. D. Janu.

Herewith find outside inspector's report for May 3rd, 1901. Examined and accepted three separators A - B - C. for engines #1, #2, #3.

Dynamo counter shaft in Machine shop runs out at small pulley ing allendand.

3: Columns of Clinker Stock House on west side have settled from 3/8" to 3/4" and on such side from 1" to 1-1/2"

4: Examined and accepted 10 idler pulleys in Head House of Rock Stock House that are lined and leveled. Have tested all of these Considerable chipping and filling is required on some of the holes in channels.

granding count this by corrected Have examined the VM Yours very truly.

THE EDISON PORTLAND CEMENT CO.,

Orreal Office: Girard Huilding, Philadelphia, Pa. Dramor Office: Edinon Lahoratory, Orange, N. J.

Orange, N. J.

THERBURAPH AND PASSENGER STATION. NEW VILLAGE, N. J.

(P.O. ADDRESS) STEWARTSVILLE, N. J., May 8th, 1901.

In re Inspector's Reports.

Mr. W. S. Mallory, V. P.,

Dear Bir:-

Replying to your letter of the 7th in regard to item #804 Inspector's Report of May 3rd beg to state that this is the best way to correct these, that is by filing and chipping, these holes were punched by Phoenix before the building was erected and the holes do not always come exactly in line.

Regarding item #803. These columns have evidently settled after being erected as they were leveled from the top plates in erecting. Phoenix is lining up.

Very respectfully yours.

The Edison Partland Cement Co.,

Columns on front side beginning at right end are respectively 0.K., 0.K., 5/8" low, 3/8" low and 1/8" low.

Columns on the rear beginning at right end are respective-

ly 7/8" low, 7/8" low, 5/8" low, 1/2" low and 1/8" low.

WA II. SAME AND ADDRESS AND AD	
(P. O. ADDRESS) STEWARTSVILLE, N. J., May 7th, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir: Herewith find shop inspector's report for tMay 6th, 1901. 214: Inspected 5 rough drive hubs O.K. Pat. #1517. 215: "2 Orinished feed rolls, 19 O.K., one faced 1/8" short	214 OK 215- OK: 216 OK
215: " 3 rough sleeves O.K. Fat. #10.50 216: 20 finished feed rolls, 19 O.K., one faced 1/8" short but can be used. 217: Inspected 5 finished roller feed hoppers for rock stock house O.K. Fat. #821. 218: Inspected one finished oast iron main pinion . O.K. E.P. E-337. 219: " " coupling for shaft driving 36" rolls in " Crusher Flant. M. & Addition	Los Churca the Labor & Buran of Bestering To
807: Columns of Engine House #1 marked C.B. has here brackets riveted on wrong side up. 808 Flat cable of Skip Dump has end assembled to thimble and wedge. As many strands of end as could be turned back were well caulked and Line caulked again, then as many of the remaining strands as could be got in were caulked, then again leaded and well caulked. 809: Top of concrete piers of Engine House #1 are not being cleaned thoroughly before setting columns.	fog OK. Attender & "" for Outting Connegation Secon on Roof before things alternate themes
810: Head House of Clinker Stock House is out of line from 1" to 1-1/2" Are putting corrugated from on roof of same before being the Alexander Are Said. Yours very truly, That we conside you check with any could go a land. And tenning and market Applementation of the stringshow	
Zab	

CAR.

THE EDISON PORTLAND CEMENT Co.. GENERAL OFFICE: GHARD BUILDING, PHILADELPHIA, PA

TELEGRAPH AND PASSENGER STATION. NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J., May 7th, 1901.

287 - 63 (90)

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear Sir:-

Herewith find shop inspector's report for tMay 6th, 1901.

Inspected 5 rough drive hubs O.K. Pat. #1517.

" 3 rough sleeves O.K. Pat. #1615

" 20 finished foed rolls, 19 0.K., one faced 1/8" short

217: Inspected 0.K. Pat. #821. Inspected 5 finished roller feed hoppers for rock stock house

Inspected one finished cast iron main pinion . O.K. B.P. B-337.

coupling for shaft driving 36" rolls in Crusher Plant.

807: Columns of Engine House #1 marked C.B. has three brackets riveted on wrong side up.

No. Flat cable of Skip Dump has end assembled to thimble and wedge. As many strands of end as could be turned back were well caulked and leaded, then caulked acin, then as many of the remaining strands as could be got in were caulked, then again leaded and well caulked.

9: Top of concrete piers of Engine House #1 are not being cleaned thoroughly before setting columns.

0: Head House of Clinker Stock House is out of line from 1" to 1-1/2". Are putting corrugated iron on roof of same before being straightened.

The Floring exector Said Yours very truly,

That we could no cheal with coming as it would not interfere with his struggeting

up timoes,

achumany.

THE EDISON PORTLAND CEMENT CO.

AL OPPORT GIRARD BUILDING, PHILADELPHIA, PA. R OPPORT EDINON LABORATORY, CHANGE, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P.O. ADDRESS) STEWARTSVILLE, N. J., May 7th, 1901.

In re Inspection.

W/-891

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear Sir:-

You will notice on the Inspector's Report of the 6th inst. item #807, that column C.B. of Engine House #1 has three brackets riveted on upside down.

As the Dauphin Company's drawing shows these brackets very clearly in their proper position I present this as another instance of faulty inspection on the part of the Pittsburg Testing Laboratory.

The Phoenix Iron Company's foreman reports that it will take about one day to change these brackets and that means another days delay in the completion of this building, which could have been saved by proper vigilance on the part of the inspector.

Very respectfully yours.

The Edison Portland Cement Co.,

We II. SUBSTRATE TRANSPORT OF THE EDISON PORTLAND CEMENT CO., THE		
(P. O. Address) STEWARTSVILLE, N. J., May 8th, 1901. MRI - 9 1991 Mr. W. S. Hallory, V. P., Orange, N. J.		
Dear Sir:- Herewith find shop inspector's report for May 7th, 1901. 220: Inspected 6 finished roller feed hoppers 0.K. Pat. #821. 221: "I'rough feed rolls for rock stock house. Rejected 1 cause broken arm. 222: The following gears mentioned in report of May 1st, 1901 are 0.K. #138'- main gear for elevator B. P. B-337, #185 - Intermediate gear for elevator B. P. B-337, #185 - Intermediate gear for elevator B. P. B-337, #185 - Intermediate gear for elevator B. P. B-358-121, #188 - B.P. B-412	220_ OK 221- OK 222- OK!	
ate gear for elevator B.P. B-337, #187 - B.P. B-412, #186 - B.P. B-412 The reason these gears were not O.K. when reported was because drawings could not be found. MAGA Agrae. Herewith find outside inspector's report for May 7th, 1901. † 811: Babitt is worn out of one rocker arm of stone crusher.	811 Stylya, "2" Drice achallist.	
Tours very truly, Orice he had . It ging a She formany. Opportunity of a same to step just now That		
		-

THE EDISON PORTLAND CEMENT Co., STAL GPRICE: GINARD BUILDING, PHILADELPHIA, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J., May 9th, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find inspector's report for the machine shop dated May 8th. Inspected one rough collar 0.K. Pat. #1601.
" " " " " " " " 1600.
1599. shafts in report #179 4/29/01 are from .004 to .014 below size. | 228: * Inspected one rough bracket O.K. Pat. #1562 1/8" more metal wanted on bracket where planed for pillow block. Herewith find outside inspector's report for May 8th, 1901. Eccentric rod bearings at connection of valve rods are worn about 1/32" Bearings for valve rod guides are also worn. Both wrist passes need taking up in Hoisting Engine #1. Yours very truly,

THE EDISON PORTLAND CEMENT CO., SHOULD OPPOSE GURAND BUILDING, PHILADELPHIA, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE. N. J. May 10th, 1901. MAY 12.42 (90) Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Esrewith find shop inspector's report for May 9th, 1901. 9: Inspected one finished roller feed hopper for Rock Stock House O.K. Pat. #821. O Inspected one rough gate for hopper in small R.S. House O.K. Pat. #1561. Inspected one finished 24" conveyor tail pulley 0.K. 2: Inspected two car wheels for tender of #2 locomotive.Dia 30 K. Bore 4.281 and 4.253. These wheels will have to be rebored. Herewith find outside inspector's report (for May 9th, 1901. 3: Angles on gear case interfere with holts in cable drum on Skip 4: Chain wheel on trolley in top of Crusher House is not set straight. Side of wheel is out of plumb about 1/2". Bearing of thain wheel and bearings of shaft for shifting trolley are shimmed up with paper. Yours very truly, * This while furnished bomed stem executed by Cookerman your yole a Downe.

THE EDISON PORTLAND CEMENT Co., ismenal Oppice: Ginand infilding, Philadhliphia, Pa. Delnie Oppice: Edinon Lahonatony, Orange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. Address) STEWARTSVILLE, N. J., May 11th, 1901. ान अंक्री कर Mr. W. S. Mallory, V. P., bril 12 1901 Orange, N. J. Dear Sir:-Herewith find shop inspector's report for May 10th, 1901. Inspected 220 rough hubs for guide pulleys. O.K. Pat. 887. 234: 235: 236: 237: Inspected 138 rough covers for guide pulleys.O.K. Pat. 777.

two rough drive hubs O.K. Pat.#1517.

none finished conveyor teil pulley O.K.
one rough sleeve Pat. #1515. O.K. OK Yours very truly, M. O. Jayuu.

THE EDISON PORTLAND CEMENT CO. THERMANDIAND AND PASSINGER STATION, NEW VILLAGE, N. J. THERMANDIAND AND PASSINGER STATION, NEW VILLAGE, N. J. Mr. W. S. Hallory, V. P., Orange, N. J. Herewith find shop inspector's report for May 11th, 1901. 238: Inspected 306 covers for conveyor guide pulleys O.K. Pat. 777. 239: a. member of the feet of the passinger of the stock House of the stock of the stock House of	234 OK ?339 OK ?11 OK Plus han local altanded to [1] Ox era "2" of affer [1] This being attended to	
the job and incompanied for living up supposed a good		

THE EDISON PORTLAND CEMENT Co., General Office: Girard Building, Philadelphia, Pa. Chang Office: Edinon Landhatory, Change, N. J. TRLEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. May 14th, 1901. WAY 1.6 (9.) Mr. W. S. Mallory, V. P., 181 X & 141 Orange, N. J. Dear Sir:-Herewith find shtp inspector's report for May 13th, 1901. Inspected two rough drive hubs for guide pulleys O.K. Pat.#887. 35 feed rolls for Rock Stock Has- O.K. stock Has- O.K. 15 steel out pinions 1-1/8" pitch 12 teeth 3 face 1 Bore. No drawings.

48: Inspected one finished head pulley for conveyor O.K.

48: two finished teal pulleys for conveyor O.K.

48: none finished pulley frame. O.K. Pat.#1565.

46: clinker orusher foll shirt O.K. 47: " one finished pulley frame. O.K. Pat.#1553.

#8: " ollinker orusher roll short-O.K. The

_BDUT gear end of this shoft where set collar fits has been turned down

[1/4" below size in order to get on gear. B.P. calls for 6", bore of

gear 5-3/4". 3.P. 17-72-3.

49: Inspected 5 cast iron out gears 1-1/8" pitch 60 teeth 3" face

2.818"bore, one gear 2-5/16" bore.

Two of these gears have blw holes between teeth over arms size

of blow holes 1-1/8" long, 3/8" wide, 3/4" deep. No drawings. Yours very truly, M.S.

THE EDISON PORTLAND CEMENT CO., eferel Office: Ghand hullding, Philadellyha, Pa. Blegg Gyfre: Edinon Lahonatony, Ghangh, N. J. TRLEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE. N. J., May 15th 1901. #A/ LG 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-487 28 300 Herewith find shop inspector's report for May 14th, 1901. Inspected 34 rough castings for elevator buckets.O.K. Pat. #958. 1: "34" Fat. 505, 25 O.K. Rejected one cause 1-1/2" broken off of point. 2: Inspected one finished head pulley main shaft O.K. B.P. B-341. 3: tail "frame O.K. Pat.#1555 B.P. 253: 254: Inspected one finished tail publey shaft for 36" pulley. O.K. B.P. B-341. 55: Inspected six fine grinding foundation plates. Have been planed yery rough and are out of true about 1/16". One plate has been planed 5/8" below size on one end, core holds for anchor belts are out from 1/4" to 1/2". Pat. #1580 B.F. B-429. is: Inspected six rough standard bed plates. Pat. #928. These plates are 3/1c" below size in width and it will be necessary to plane off tops 1/6" below size on account of low spots caused by core prints. I wish to know if these are to be accepted. Herewith find outside inspector's report for May 14th 1901. Asbestos covering is worn off front of Machine shop boiler under the fire box door. De orate made against item on Deport. 4/1/20. 819: Bearing on one side of shaft of stone crusher has babbitt burned out. Rook arm bearing is worn considerable. abreado, it british Made a re-examination of 27 idler pulleys in Inclined Conveyor between Grusher House and Dryer and accepted 21, the rest have the 3 are not level 1 will not run with 1-1b weight 1 has back lash between shoulders are not in line.

THE EDISON PORTLAND CEMENT CO.,

al Opport Chand Building, Philadelphia, Pa. 8 Opport Edison Laboratory, Orange, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J., May 15th 1901.

Mr. W. S. Mallory, V. P.,

MA/ 16 1901

Orange, N. J.

481 123 1901

Dear Sir:-Herewith find shop inspector's report for May 14th, 1901.

Inspected 34 rough castings for elevator buckets.O.K. Pat. #958.

1: "34 " rat. 505, 65 O.K. Rejected one cause 1-1/2" broken off of point. 2: Inspected one finished head pulley main shaft.O.K. B.P. B-341. 3: tail " frame O.K. Pat.#1555 B.P. 253: 254: Inspected one finished tail publey shaft for 36" pulley. O.K.

5: Inspected six fine grinding foundation plates. Have been planed very rough and are out of true about 1/16". One plate has been planed 3/8" below size on one end, cors bales for anchor bolts are out from 1/4" to 1/2". Pat. #1580 B.P. B-429.

6: Inspected six rough standard bed plates. Pat. #928. These plates are 3/16" below size in width and it will be necessary to plane off tops 1/8" below size on account of low spots caused by core prints. I wish to know if these are to be accepted.

Herewith find outsids inspector's report for May 14th 1901. 8: Asbestos covering is worn off front of Machine shop boiler under the fire box door.

Bearing on one side of shaft of stone crusher has babbitt burned Rock arm bearing is worn considerable. alreadon is ported &

D: Mads a re-examination of 27 idler pulleys in Inclined Conveyor between Crusher House and Dryer and accepted 21, the rest have the

are not level will not run with 1-1b weight 1 has back lash between shoulder are not in line.

al Opera Girand Building, Philadelphia, Pa.

THE EDISON PORTLAND CEMENT CO.,

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P.O. ADDRESS) STEWARTSVILLE, N. J., May 17th, 1901.

In re Sessions Castings.

MAY 20 1901

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear Sir:-

Replying to yours of the 16th I have been over the castings covered by our inspector's report #255 - #256 of the 16th and find defects substantially as stated.

There are six foundation plates Pat. #1580 that have been very imperfectly planed. They are not only rough but are from 1/16" to 3/8" out of true.

Besides these there are six bed plates Pat. #928 which John are 3/16" under size in width and it will be necessary to replane? tops 1/8" to remove low spots/caused by faulty setting of cores.

I cannot accept these 12 plates as they are. If Sessions Co. credits us with cost of planing they can

be replaned and we can use them although they are not as they should be according to drawing.

Very respectfully yours,

These castings 928 are still wide enough, as we have a mangin

The Edison Portland Cement Co.,

THE EDISON PORTLAND CEMENT CQ. THERMORPH AND ENGINEERS STATION. NEW VILLAGE, N. J. THERMORPH AND ENGINEERS STATION. NEW VILLAGE, N. J. THERMORPH AND ENGINEERS STATION. NEW VILLAGE, N. J. (P. O. Additions) STEWARTS VILLE. N. J., May 16th, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:- Herewith find Machine shop inspector's report for May 18th. 207: Inspected one rough right handed bracket #1552. Holes that secure bracket to 1 t-beams are cored. Rive print calls for them to be drilled. Ribs are 3/2 billed, Ribe print calls for 17th. S.P. 1431. N. 259: Inspected three upper halves of jear cases. One gase has a hole with the secure bracket to 1 t-beams are cored. Rive print calls for 17th. S.P. 1431. N. 259: Inspected 11 halves of rough set collars 0.K. Pat. #128. 250: Inspected 11 halves of rough set collars 0.K. Pat. #128. 250: Inspected 11 halves of rough set collars 0.K. Pat. #128. 251: Inspected 11 halves of rough set collars 0.K. Pat. #1553. 252: Inspected 11 halves of rough set collars 0.K. Pat. #1582. 253: Inspected 11 halves of rough set collars 0.K. Pat. #1583. 254: Inspected 15 roor stand for gaar cases 0.K. Pat. #1583. 255: Inspected 15 roor stand for gaar cases 0.K. Pat. #1583. 256: Inspected 15 roor stand for gaar cases 0.K. Pat. #1583. 256: Inspected 25 rough halves of set collars 0.K. Pat. #1583. 256: Inspected 36 rough halves of set collars 0.K. Pat. #1583. 256: Inspected 47 roor purline marked P.R. is about 5/8" too short 1 251: Trues rod of roof purline marked P.R. is about 5/8" too short 1 252: On furnace for Dryer there are 7 buck stays that stand off warped. 252: On furnace for Dryer there are 7 buck stays that stand off warped. 253: Would think it necessary to dig pit, for bett of Stone Crusher Stone Crusher Rights is pounding. 254: On Bollar House his bottom when Itanying. 255: Inspected 25 roor building. 256: Inspected 25 roor building. 257: Jung the start of the bottom when Itanying. 258: On Bollar House his bottom with Itanying. 259: Under the sta	257 Rotofie's B' Champones made of to Cotton Drawners "I" 258 CK 269 CK 260 CK 261 OK 262 OK 263 OK 263 OK 264 OK 264 OK 264 OK 264 OK 264 OK 265 OK 267 OK P21 Origin "S" 620 Ok Orecesson "B" P24 Unavordable - Or a pact brownerd. St.
of Boiler House the Vottom sills of Francisco Commend	134 Unavardable - Oro food humand &

de semination e de la company de la company

THE EDISON PORTLAND CEMENT Co., osal Opice: Cinard Billding, Philadell'Ila, Pa. Sus Grece: Edison Laboratory, Orange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J., Pay 17th, 1901. ## 18 90F Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for May 16th, 1901. 268: Inspected three right handed feed roll chutes for Rock Stock House, B.P. B-387. Chutes are warped 3/8" too wide where feed roll Inspected one finished tail pulley shaft. One bearing is .004" below size and has been turned .01" below size where shaft comes in contact with wool on account of shaft being rough. Inspected four brackets for rock stock stock house.O.K. Pat.#937.

Inspected two finished friction pulley for Giant Rolls. O.K.

Page 10 August 10 B.P. B-341. 273: Inspected one finished tail pulley shaft for 36" Belt.O.K. B-341. Inspected 9 brackets for rock stock house O.K. Pat. #936. Herewith find outside inspector's report for way 16th, 1901. 35: When rapping idler hearings in setting them whatever sand still remains in oil chambors and clings on oil chain and end of shart, therefore I would think it necessary to wash all oil chambers out the before putting any oil into them.

Would also think it necessary to put washers under both heads GAC as one of the holes in channels and angles have to be filed out considerable not giving head of boths much to clamp on.

Some of the idler bearings have to be shimmed up 1/4" in order Front wall of Furnace for Dryer is not set regular in several

1	,
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They ofk,	
270 BX	
272 OOK	
EN OK	
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THE EDISON PORTLAND CEMENT Co., THEEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. May 18th, 1901. WAY 20 1901 Mr. W. S. Mallory, V. P., Orange, N. 'J. Dear Sir:-Herewith please find shop inspector's report for May 17th, 1901. 275: Inspected six foundation plates Pat. #1579. These plates are planed very rough and are not true one plate has a blow hole 8" long, 1-5/8" deep and 1" wide. (276: Inspected one finished friction pulley for giant rolls .O.K. 277: Inspected 46 finished 29-1/2" idler pulleys, 45 O.K., one rejected(cause)staves warped./B.P. B-383. 278: Inspected six finished roller feed hoppers for rock stock house. Pat. #821. OK. Yours very truly, M.S. Jayme.

W. S. NALASET, VICE-PREST, W. S. PIALISH, THEADYER,

THE EDISON PORTLAND CEMENT CO..

GENERAL OPTION CHINARD BUILDING, PHILADELPHIA, P.S. CHARGE OPTION ENDHON LABOUATORY, GRANGE, N. J. PELEPHONE:

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

Pane. A. Hotsoy,

(P. O. ADDRESS) STEWARTSVILLE, N. J. May 18th, 1901.

647 20 1901

Mr. W. S. Mallory, V. P.,

Orange, N. 'J.

Dear Sir:-

Herewith please find shop inspector's report for May 17th, 1901.

1901

275: Inspected six foundation plates Pat. #1872. These plates are planed very rough and are not true one plate has a blow hole 8" long, 1-5/8" deep and 1" wide.

276: Inspected one finished friction pulley for giant rolls .O.K.

277: Inspected 46 finished 29-1/2" idler pulleys, 45 O.K., one rejected(cause)staves warped/B.P. B-383.

278: Inspected six fin shed roller feed hoppers for rock stock house.
Pat. #821. OK.

Yours very truly, M.S. Jayme.

March of the fact of the fact

W. N. MALLORY, VICTORIAN, VICTORIAN, W. N. PILLINE,

THOS. A. Place.

THE EDISON PORTLAND CEMENT CO.

. .

General Oppice: GHARD HUILAING, PHILADELPHIA, Orange Oppice: EDISON LABORATORY, ORANGE, N. J. TELEPHONE:

TRLEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J.June 3rd, 1901.

In re Inspectors Reports.

JUN 5 Jul

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear Sir:-

Replying to your letter of the 29th ult. in regard to the following items of the Inspectors Reports.

, 815: This has been attended to.

\ 816: Were not finished when inspected. O.K. now.

7 819: See notes made against this item on report .

7 820: " " " " " "

· 275: Planing at Sessions's expense.
· 285: Will have to reject some and replace.

827: This will be attended to.

√ 828: These have been lined as well as possible.

9 829, 830, 831, 832 & 835. See notes made against these items on report of same date.

Very respectfully yours,

The Edison Portland Cement Co.,

Edit ad a Darle

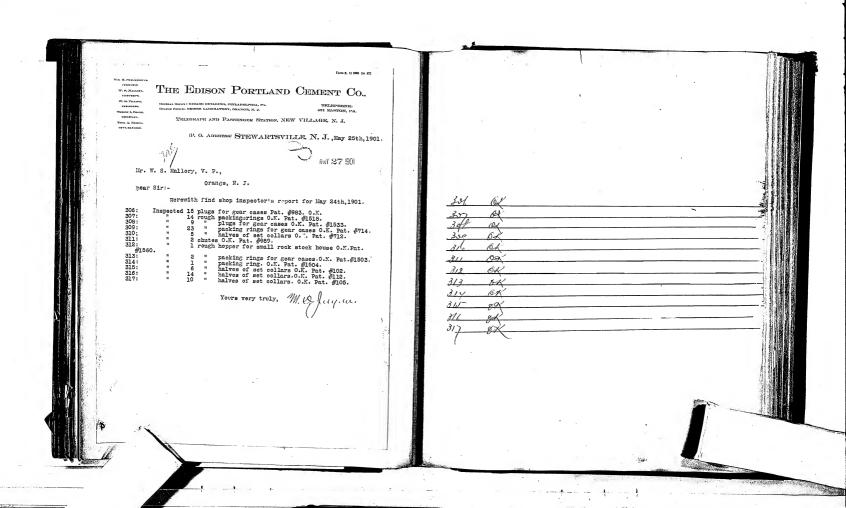
THE EDISON PORTLAND CEMENT CO., W. S. PILLINI. General Oppice: GIRARD BUILDING, PHILADELPHIA, PA. ORANGE OPPICE: EDINON LABORATORY, ORANGE, N. J. Tenner L Charl TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. Term A. Rinson, (P. O. ADDRESS) STEWARTSVILLE, N. J. May 20th, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for May 18th, 1901. Inspected 5 rough elevator head wheels O.K. Pat. #876. B.P. B-335. Inspected 23 finished 29-1/2" idler pulleys O.K. 280: 281: Inspected 10 rough feed rolls for rock stock house O.K. 282: Inspected two finished roller feed hoppers O.K. Pat. #821. 283: Inspected four rough feed rolls for small rock stock house O.K. Pat. #1563. B.P. B-412. Inspected one finished head pulley main shaft O.K. B.P. E-341. Yours very truly, Miles our we

THE EDISON PORTLAND CEMENT CO. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. May 21st, 1901. - WAY 22 (90) Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-255 Will han to auce Herewith find shop inspector's report for May 20th, 1901. 55: Castings for elevator buckets vary 1/4" in width. Have matched 270 pairs, there remains 28 that I cannot match.

13 large Pat. #958 1/4" variation.
15 small " 999 1/4" " 6: Inspected 10 rough elevator buoket cautings. 8 O.K. Pat. #959. Rejected two cause cracked. 7: Inspected 11 rough elevator bucket castings. 10 O.K. Pat. #958. Rejected one cause cracked. 88: Inspected one finished idler pulley for 5-ft rolls 0.K. B.P.1-24-A This pulley is turned 3/4" larger in diameter than size on blue print so that staves would not be below size. Herewith find outside inspector's report for May 20th, 1901. One of the bearings of the top counter shaft of Clinker Crusher Rolls is cut; caused possibly by burr on shaft. 8: Some of the idler bearings in Inclined Conveyor between Crusher & Dryer set off angles sidewhys from 1/6" to 1/4". Top angles are out of rlumb with bottom ones in various places from 1/4" to 6/16". Stone crusher engine is pounding. It is promiding uprock Yours very truly, 24 hus, a draw

			Form 3. 11 1900 21 577
WM. II. MULLINGROUNE,			
W. N. MALLORY,	The Edison 1	PORTEAND	CEMENT Co
		COLLIZIO	CEMIENT CO.,
W. H. PELLING,	GENERAL OFFICE GIRARD BUILDING, 1911	LADRIDUIA, PA.	TELEPHONE
THESON I. CHANK,	GRANGE OFFICE I EDINON LABORATORY, C	DRANGE, N. J.	481 EASTON, PA.
HHERREARS.	TELEGRAPH AND PASS	SENGER STATION, NEV	V APPE I A COM
THOS. A. BRISTS.		THE PARTY OF THE P	VIIIIAGIS, N. J.
	A. (D. O.)	CI	
1.	1949 (P. O. Abbress)	STEWARTSVIL	LE. N. J. May 27th, 1901.
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	1		MAY 28 1991
ur. w.	S. Mallory, V. P.,		farments of
	Owener 2		e mad
	Orange, N		1,000
Pear Si	r:-		
	Herewith find shop	inspector's repor	t for May 25th, 1901.
318: In	spected 6 finished 38"		
075.	" 19 rough packin	g rings.O.K. Pat.	#0.50%
320: 321:		" "" "	1504.
322:		" " " "	045
323:	" 12 finished 29-	1/2" idler pulley	s O.K.
B-343.	one linished her	ad pulley shaft f	or elevator.O.K. B.P.
324: In	spected three finished	feed roll horror	5 0 V D-+ #505
	three rough pl	ugs for wear case	8 O.K. Pat. #821. 8 O.K. Pat. #983. O.K. Pat. #1502.
326: 327:	" " " "	" " " "	0.K. Pat. #1502.
#775.	" 20 rough sleeve	es for 24" belt g	uide pulleys.O.K. Pat.
,,,,,,,			Mul X 1
He	rewith find outside and	inectoric venera	m. Layul,
		spector a report .	for may 25th, 1901./
833: Inc	olined Conveyor Runway	Approach at Crus	sher House is out
benta 4	about 3/4" sideways. T	his is possibly o	ue to concreting
to conor	ete with an offert we	me angles of bent	ts are being bent close
		orren ne natitio	TOURT ON THE Property of 14.
834: Bot	tom anota whom day		0 '
or line	sideways at one end 1/	2", in Inclined	on of runway is out onveyor, between Crusher
and Drye	er. Or Inter	heat.	
835: The	following defects of f	4nd An	1
marked:	following defects I f	an cotamns fo	r Trestle Approach
	C-7R has 1 lattice b	ar split.	**.
	C-7L " 8 "	H H	TT 0:305. To
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C-10-L h	se lattice bars are al	spiit at end cat	used by driving rivets
	as one rivet poorly dr.	very truly.	
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317	OH/	
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135	De. Orati on Or fort office 3	



THE EDISON PORTLAND CEMENT Co., TICE-FRENCH W. H. PELSING, GENERAL OPPOSE GIRARD BUILDING, PHILADELPHIA, PA. GRANGE OPPOSE EDINON LABORATORY, GRANGE, N. J. THEAT MAY TELEPHONE: THEORY I. CHAVE, TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. Taos. A. Bross, (P. O. ADDRESS) STEWARTSVILLE, N. J. May 24th, 1901. MAY 22 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Herewith find shop inspectors report for May 23rd, 1901. 302: . Inspected 2 finished head pulley main shafts for 24" belt. 0.K. Blue print B-341 303: Inspected 53 rough shells for guide pulleys. O.K. Pat. #987 304: Inspected one finished head pulley main shaft. O.K. 305: Inspected 25 finished 38" idler pulleys. 24-0.K. Rejected one(Cause) broken spider. Yours very truly, M. S.

We II HILLIAM TO A HIT THE EDISON PORTUMNO CRIMENT CO.		
THE MAN AND MAN STATE OF THE ST		
Dear Sir: Herewith find shop inspector's report for May 22nd, 1901. 293: Inspected 20 finished 38° idlor pulleys O.K. 294: Inspected 35 rough sleeves for 24° belt guide pulleys.O.K. Pat. 295: Inspected 35 rough sleeves for 24° belt guide pulleys.O.K. Pat. 296: Inspected 35 rough plugs for gear cause O.K. Pat.	393 OK 394 OK 295 OK 297 OK 297 OK 20 OK 20 OK 20 OK	
Taken Tours very truly, M. D. Jayue. 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

THE EDISON PORTLAND CEMENT Co., W. N. MALLORY ******* West Present GENERAL OPPURE GIRARD BUILDING, PRILADRIAPHIA, PA. GRANGE OPPURE EDISION LABORATORY, GRANGIE, N. J. THEATERN. TELEPHONE: THERES I. CHANG 481 EASTON, PAR MECHEVANY. Telegraph and Passenger Station, NEW VILLAGE, N. J. Time A. Reserve GRAS MANAGER (P. O. ADDRESS) STEWARTSVILLE, N. J., May 22nd, 1901 MAY 24 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for May 21st,1901. 289: Inspected 30 finished 38" idler pulleys, 29 0.K. Rejected one Ol Inspected 6 rough castings. O.K. Pat. #775.
l: Inspected 5 rough floor stands for gear cases. O.K. Pat. #1531.
B.P. F-398. 2: Inspected 11 rough floor stands for gear cases 0.K. Pat.#1532. Cored holes are out from 1/8" to 1/4". SFands are warped from 1/4" to 3/4". This causes loss of time in setting work on machine. M. S. Janus. Herewith find outside inspector's report for May 21st, 1901. O: Corrugated iron on roof at eaves of Clinker Stock House is torn in several places, caused by hubs of wheels of scrapers and carts striking same. 31: One of the window sills is marred at bottom, caused by sliding plank over it, at south end of Rock Stock House. Franch grant travel Corners of door frames of Rock Stock House Furnace House are Would think it necessary to nail strips on window sills and door frames for protection where such have to be used. Yours very truly, Dackennany.

289	OK		
2-9	-O.K		
29/	@ *		
397	ÓK.		
, .			
13 <u>~</u>	n .	i	
831	Se notes on Report "D"	Solone	
832			-

THE EDISON PORTLAND CEMENT CO. 32 Mars three timen there into the control of the	358 674 200 after loving fitted to fly the Idence on place they then of
Mr\$ W. S. Mallory, V. P., Orange, N. J. Dear Sir:- Herewith find shop inspector's report for May 27th, 1901	137 Les hupend?
for bolts are drilled out of true with bore .01" to .02". None of 3 kg is the hubs are faced square. Are these to be accepted? War at 330: Inspected 6 reugh plates for chutes. 5 O.K. Rejected one cause	333 OK Buy low leaves office of
Herewith find outside inspector's report for May 27th, 1901. 336: Would think it necessary to paint end of maple lags for large pulleys to prevent them from cracking. Of A. L. College 1	335° OK 33°, OK
Yours very truly, Dokumony.	An This to San Jan. "B"
Entist (

WW. H. SHADER STILL
PRESENTAL
W. M. MALLOWA,
AUCTORNAL
W. N. PRAISSE.

SENS MANAGEM

THE EDISON PORTLAND CEMENT CO.,

V. N. PILLION.
GRAPHAL OLYMPIC GHARD BUILDING, PHILADHLIPHA, PA.
GRAPHAR.
ORANGE OFFICE EDISON LABORATORY, ORANGE, N. J.

TELEPHONE: 431 EASTON, PA.

Tring Leaves and Tring and

O. O. ADDRESS STEWARTSVILLE, N. J. Kay 2941, 1901

Mr. W. S. Mallory, V. P.,

Orange, M. J.

Dear six:

Herewith find sho; inspector's report for lay 28th, 1901.

331: Inspected 20 cold relied 1-15/16 shafts for 38° conveyor

(idler pulleys. All of these shafts are from 1/16* to 1/2° short. Are these to be accepted? B. P. B-501.

332: Inspected 3 finished right hand chutes. These chutes are marped on one side so that there is 1/16° space between the top proceed with the control of the shaft of the shaft of the shaft of relied 1-15/16 shaft for 26° idler pulleys accepted? B. P. B-493° from 1.16 to 1/6° short. Are these to be accepted? B. P. B-493° from 1.16 to 1/6° short. Are these to be accepted? B. P. B-493° from 1.16 to 1/6° short. Are these to be accepted? B. P. B-493° from 1.16 to 1/6° short. Are while two

355 Inspected one rough caseing for 24" belt guide mulley two holes in caseing were nails were in to secure core O.K. PAtt. 776
356 Inspected 3 rough blocks for inclined conveyor O. K. Patt. #1555
337 Inspected 3 rough blocks for inclined conveyor O. K. Patt. #1559

Herewith find outside inspector's report for May 28th, 1901.

839 Side of foundation of Rock Stock House Tunnel strikes incline conveyor Housing to Mixer Tower and same is out of line at bottom about 6. The first form of the fir

Yours truly,

Dachemany.

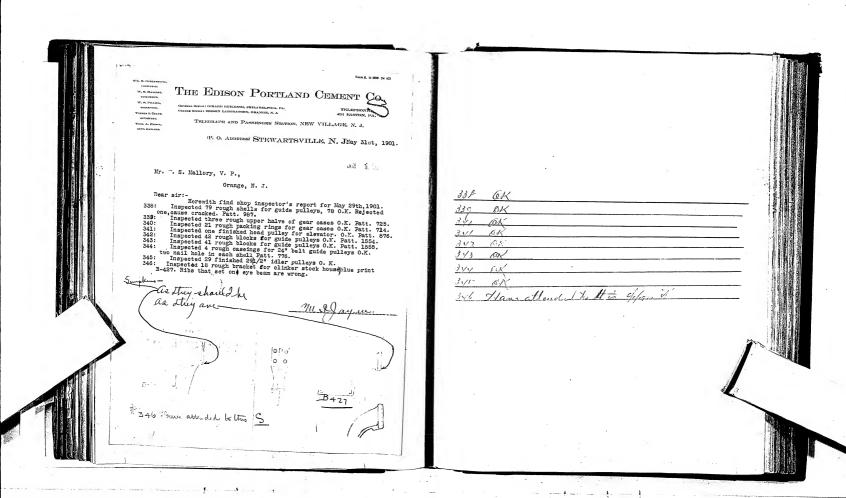
382 - This will be O.K. More writer Standardle daying con

there eouplings were made by the Dodge my Co. I are palandond - live have to fit them to the should be faced the three with the phayer, whould be faced the true with the phayer, is the would precioe - If thus is done I expect they will eme all right.

They are for yeller feed phayets PR.S.H.

Perhaps better metify Stevents will the after being fettet be shaft & Keyed in place - they shall be faced for been with shape

Til.



W. M. MALEGER TITLETERED W. S. PELLING Torner L CRAYE,

THE EDISON PORTLAND CEMENT CO.

GENERAL OPPUR I GIRARD BUILDING, PHILADELPHIA, PA. ORISHE OFFICE: EDINON LABORATORY, ORANGE, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J. June 1st, 1901.

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear sir:

Herewith find shop inspector's report for May Slat, 1901.

Inspected one finished tail pulley for 24 conveyor O. K.

Inspected one rough right hand chatto O. K. pFatt. 989.

Inspected one rough upper half of gear case O. K. Patt. 725.

Inspected one rough upper half of gear case O. K. Patt. 725.

Crove for old chain inhed had pulley for 26 conveyor. One grove for old chain inhed had pole size. O. K.

Inspected 50 finished 25-1/2 idler pulleys O. K. 348:

Herewith find out side inspector's report for May 31st, 1901.

before setting bed of Empine 91 in Cement. July 2012.

About 9-45 A. M., mill wright and set against the decided with the setting of some signor the conditions and the setting of some signor the conditions are signor to see and the setting of some signor the conditions are struck this piece and threw it striking man or right cheef set struck this piece and threw it striking man or right cheef set with the struck this piece same. Dr. said jaw bone was broken near joints. Was taken to Ematon Hospital.

Yours very truly,

347	
341	(0X)
342	CA.
3.50	(OX
251	(ÔX)
KI	This is always dose "2"
242	Answers les mostrotified D' affer

THE EDISON PORTLAND CEMENT CO. YICK-PRESS. W. N. PILLING. GENERAL OPPICE: GERARD HULLDING, PHILADELPHIA, PA. THEATTHER, TREMOV I. CHANG. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. HENT NANLOUD. (P. O. ADDRESS) STEWARTSVILLE, N. JJune 3rd, 1901. Mr. W. S. Mallory, V. P., JUN 5 1901 Orange, N. J. Dear sir:-Dear sir:

Herewith find shop Inspector's report for June 1st, 1901.

Inspected 15 rough breakets 0. K. Patt. 15020

Lapsected 8 rough floor stands for gear cases 0. K. Patt. 1531.

Lapsected 24 rough blocks 0. K. Patt. 1555

Lapsected 25 rough blocks 0. K. Patt. 1555

Inspected 25 rough blocks 0. K. Patt. 1554.

Inspected 30 rough plocks 0. K. Patt. 1554.

Inspected 1 rough upper halves of gear cases 0. K. Patt. 703.

Inspected 30 finished 29.1/20 r gear cases 0. K. Patt. 725.

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 785.

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 876

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 876

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 876

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 876

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 876

Lapsected 30 finished 29.1/20 r gear cases 0. K. Patt. 876

Lapsected 30 finished 30 r gear 30 r gear

W. M. MALLOWS VICE PERSON. W. S. PRADIN THEAMPSON. THERET L CHAVE,

Tires. A. Repris. HENL MAYAGEN. THE EDISON PORTLAND CEMENT Co.. GENERAL OPPICE: GIRARD HUILDING, PHILADRIDUIA, PA. ORANIE OFFICE: EDIHON LABORATORY, ORANGE, N. d.

TELEPHONE

481 EASTON, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE, N. J. June 4th, 1901.

Mr. W. S. Mallory, V. P.,

Orange, N. J.

Dear sir:-

Dear sir:

Herewith find shop Inspector's Report for June 3rd, 1901.

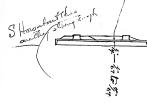
I: Inspected and accepted 4 finished 35" idler pulleys. One of these pulleys as turned 3/64" below size in dia.

2: Inspected one finished head pulley for elevator 0. K.

Rejected one "Marged roll hopper for Rock Stock Rouse, lugs for bolts are "Marged roll hopper for Rock Stock Rouse, true up radious. Patt. 321.

4: Inspected 12 finished 29-1/2" idler pulleys. 0. K:

Some of the castings for elevator buckets are from 1/64" to 7/64" below size in thickness. This does not extend all over the whole casting but from 1/8" to 1/2" of the surface.



I There will be all right - Mr. E. says write Inspection.
There there referred in the 10 Education brickets which
Mr. Dording in his report of the 31th ult - 5 aps are
finished - ble wishes bettern examined very carefully

- Bun

THE EDISON PORTLAND CEMENT Co., W. M. MALLORY W. M. PHARMA DESCRIAL OPPUS : GIRARD HUILDING, PHILADELPHIA, PA. STREET ROINON LAUGRATORY, GRANGE, N. A. PETHON I. CHANK RECORPAGE. Telegraph and Passenger Station, NEW VILLAGE, N. J. Deen A. Kansan HEY'L MAKAHES (P. O. ADDRESS) STEWARTSVILLE. N. Jame 6th, 1901. JUN 7 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:

Herewith find shop Lnspectors Report for June 5th, 1901.

370: Inspected two sections of 10° shafts being finished at the Bethlehem Steel Works: Two bearings of the Gestion of The Bethlehem are .004° & .008° below size. Ormer of key-ways have a bredwee of about 1/8°. The engine coupling they had on this section. Have notified them of this mistake and on the being put on proper shaft. The intermediate 23° outfor of the main or filled in two groves for set coller shaft is 0. % tearwise like Frint A-420. 10 Contestant 8 of here fellets and say plainty shown on drawing - also proper pailing for couplings

370 Then Vaccions discrepancies have been made form and the shafts are from delivered and in the D' Mily.

THE EDISON PORTLAND CEMENT Co., W. H. PRILING, GERMAN OPENET GERARD BUILDING, PHILADELPHIA, PA. THEATTER. ORANGE OFFICE EDIMON LAHORATORY, OHANGE, N. 4. Totany I. Care STEMETARY. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. Trees, A. Remers, HEND MARAGER (P. O. ADDRESS) STEWARTSVILLE, N. J.June 6th, 1901. Mr. W. S. Mallory, V. P., JUN 10 '00' Orange, N. J. Dear sir:-Herewith find sop Inspector's Report for June 4th, 1901.

Are the pipes to be beaded over same as a sample elevator bucket that came from the Laboratory if so some of the pipes will o surve.
Inspected one rough pulley for elevator O. K. Patt 1593.
Rejected 80 rough wear plates (cause) not obtilled enough. Patt. 316
Inspected 15 finished 58, idler pulleys O. K. Herewith find outside Inspector's Report for June 4th, 1901.

All the holes for tie rods in solums for trestle Extendions
bents #78, 8,910,11 and 12 mays holes punched 13/16" instead one
of 1-1/6". Eccleding of these colums where'll beams framedon
are punched 11/16"; ones of these colums where'll beams framedon
size.

About 700. six foot shoet outside 12 for the column where the column was a column was a column where the column was a column was a column where the column was a column was a column where the column was a column when we have a column was a column wa Yours touly, apakemany. 366 Have unter D. 6 pend

THE EDISON PORTLAND CEMENT Co., BOSAL GPPICE: GHIARD HITE, DING, PHILADELPHIA, PA-SERIE OPPICE: EDINON LAHORATORY, GRANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. June 7th, 1901. JUN 10 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Dear sir:

1. Rejected one feed roll hopper for Rock Stock House (cause)

1. Rejected one feed roll hopper for Rock Stock House (cause)

1. Inspected two rough near fast 821.

2. Inspected two rough near fast 821.

Patt. 776. Two neal holes in these castings.

3. Inspected 34 finished dider pulleys. O.K.

4. Patt. 776. 374: : Inspected two rough gear onseings Patt. 725. recess for end of pinion shaft measures 8-7/16" from opposite flange should measure 8-3/4. All of these caseings are the same and measure 12-3/8" wide should be 11-7/2". These are east from the sen e palloma as there we have an Enwer view, which arm all right - the extra width will not mouther - c. 1. it sto we our well the little difference in width monde - Evidently the modeless on was conful mongh - well write them IS

THE EDISON PORTLAND CEMENT CO. AL OPPERS GERARD HEFELDING, PHILADELPHIA, PA. EL DPRESS RIDHON LABORATORY, DHANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THROW L. CRANK, (P.O. Andress) STEWARTSVILLE, N. J. June 8th, 1901? JUN 2.0 1991 Mr. W. S. Mallory, V. P., Orange, N. J. Pattern mad at Otmaterille Lind Dear str:
Herewith find Shop Inspector's Report for June 7th, 1901.

Inspected 29 rough deflecting plates. These plates will not go together lugs are 3/6 to low. Flates are same as Blue print A-260 real plates are some as a second plate are second plates. The point R-241.

Inspected 3 finished head pulley intermediate shafts 0.K. Stee Frint 1-041.

379: 92 rough shells for 24" guide pulleys 90 O.K. Rejected 2 (cause) cracked and blow hole-Patt-1987.

380: Inspected 15 finshed 38" idler pulleys O.K.

581: Inspected 20 rough packing rings O.K. Patt.714. morning is total pattern was on add subarde four booking into it to find bity? as there is only one carding needed - think it has be cut out this stop - Have so written D. * These pattorns were made at Stewartsmill - am pending a detail to other glaten the matter out-

THE EDISON PORTLAND CEMENT Co., Geresal Office: GHAND HEILDING, PHILADELPHIA, PA. OBARUL GPPCE: EDIHON LAHGHATONY, GHANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. June 10th, 1901. JUN 12 1991 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Herewith find Shop Inspector's Report for June 8th, 1901.
Inspected 7 rough floor stands O.K. Patt. 1531.
Inspected one rough floor stand 0/K. Patt. 1532.
Inspected one finished drive pulley for 3rd, 36° rolls. 382; 383 384;

THE EDISON PORTLAND CEMENT Co., General Oppur: Girard Hillding, Philadelphia, Pa. Orasse Oppur: Edihon Lahohatohy, Ohange, N. J. TELEPHONE: TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THEREON I. CHARM. (P.O. ADDRESS) STEWARTSVILLE, N. J. June 11th, 1901. JUN 112 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Dear sir: Herewith find Shop Inspector's Report for June 10th, 1901.

1. Inspected 39 rough sleeves for 24" guide pulleys 0.K. Patt. 775.

1. These gear cases have a 3/8" hole in recess for pinion shaft used for to hold core. for to hold core.

1. Rejected one rough roller feed hopper cause lugs to near centre Patt.821.

2. Inspected 25 finished 38" idler pulleys 23 O.K. Rejected two (cause) 3/15" apace between staves.

2. Inspected 7 rough upper halves of gear cases Patt. 703. One of these cases has a 1/2" hole in it and a orack 1-1/2" long is this to be accepted. -355 - Westie & Odler

THE DESIGNATION AND PASSESSIER STATION. NEW VILLAGE, N. J. THE A RESIDENCE STATION. NEW VILLAGE, N. J. THE A	
Mr. W. S. Mallory, V. P., Orange, N. J.	
Dear sir: Herewith find Shop Inspector's Report for June 11th, 1901. 390: Inspected one finished head pulley for 36° conveyor O.K. 391: Inspected one finished 24° conveyor tail pulley O.K. 392: Inspected 15 finished 28° idler pulleys O.K. 393: Pipes for elevator buckets varies .008° diameter distance between constants.	390 OL 391 OK 352 OK
394: Inspected one finished 2-7/16" shart 15'-10"long/ O.K. 395: Inspected 3 finished head pulleys for 24" conveyor. One of these pulleys is faced 9/32" out of center have accepted this. M. S. J. M. M.	373 This arranged 354 OK 375 OK
Herewith find outside Inspector's Report for June 11th, 1901. 845: Fly wheel of Compresor of Engine #1 had to have wall shipped about 3" to give same clerance. 846: Commections of center truss and column are not riveted on Mixer. 847: When the same all trusts and column are not riveted on Mixer.	fy5= 40 -
about 3" to give same clerance. 846 Connections of center truss and column are not riveted on Mixer Town: 847: Mare shall idler bearings Pates: #750 and 731 be used that have holesloored in packing ends where 1/3" shart passes through. So far mone of these have been used there 1/3" shart passes through. So far mone of these have been used there 1/3" shart passes through. So for the state of the shart been used there is the shart passes through the fall had forevor to Weigher House has been lowered 6" at tail pulley so as to give belt clerance under channels where head pulley frame abovetail pulley sets on. 848: Bousting regions to diagonals on sides at end of Trestle Approach Bousting framework.	Ly Miga Ball 4 Dayer & Dones
Housing frame on outside of channels uprights, which makes diagonals flush with side purlines. Diagonals have been framed op back of purlines and at intersection diagonal has a bend the width of purlines. Yours very truly.	149 Marondalla & of no bermandi
Bakungny.	

THE EDISON PORTLAND CEMENT Co., GENERAL CERGES GIRAID BUILDING, PHILADELPHIA, PA. GEARGE GERCES EDINON LAHOHATORY, GHANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. Andress) STEWARTSVILLE, N. J. June 13th, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:

Escewith find Shop Inspectors Report for June 12th, 1901.

6: Measurment of sample electron bucketuirom the Laboratory.

12 ± 1/32. One pipe out of parallel. 1911

7: Inspected 3 rough caseings for 24" guide pulley 0.K. Patt. 7765

8: Inspected 3 finished 10" pullow blocks. One pillow block

10.00" below size have accepted these.

9: Inspected one finished head pulley intermediate shaft 6' 3-7/8"

10.100 0.K. Blue Print B-341.

10.100 0.K. Rune Print B-344.

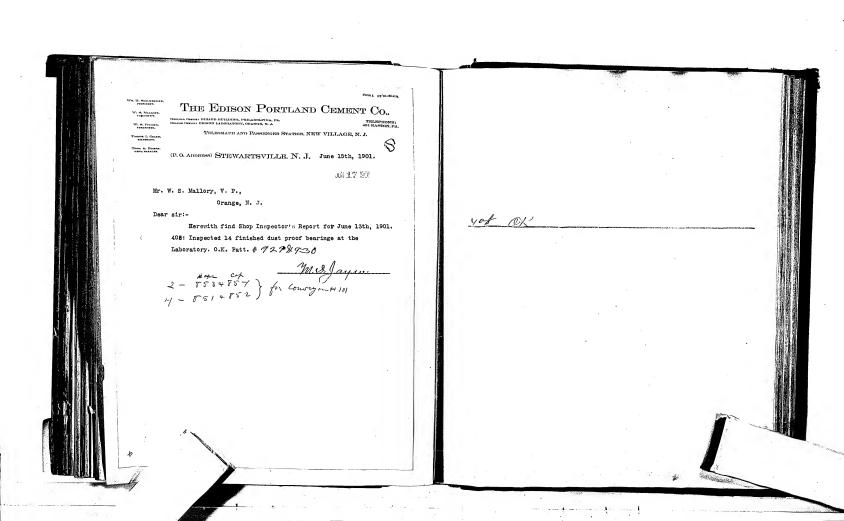
10.100 0.K. Rune Print B-344.

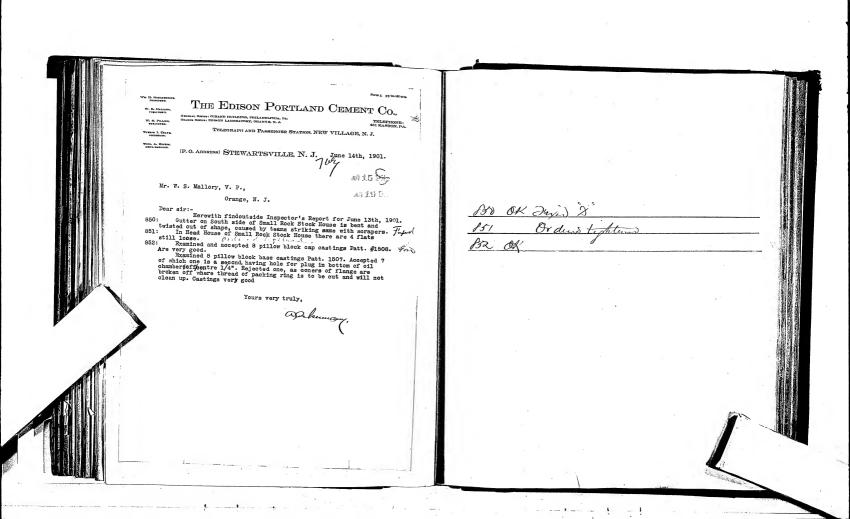
10.100 0.K. Blue Print git have accepted same.

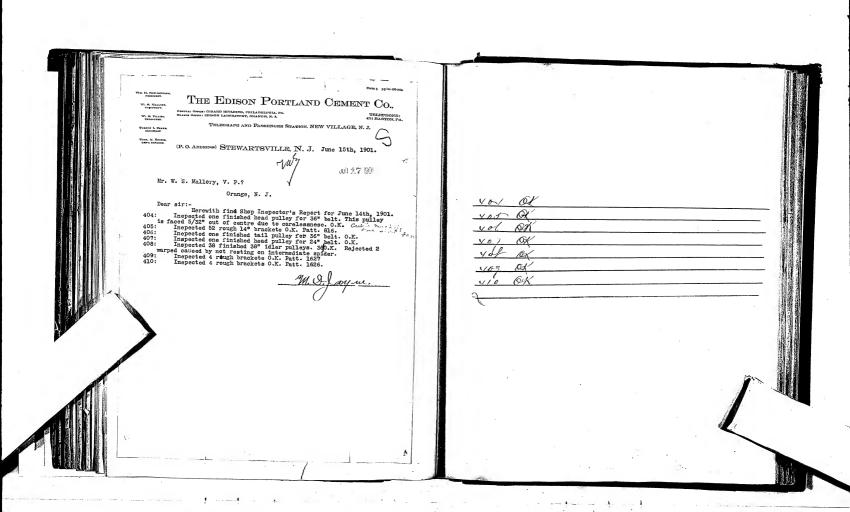
10.100 0.K. Blue Print B-341.

10.100 0.K. Blue Print git have accepted same.

10.100 0.K. Blue Print 8-341. Dear sir:-







THE EDISON PORTLAND CEMENT CO. Paries, Oppice: Chiand Bullding, Philadelphia, Pa. Paries Oppice: Edingn Langhatony, Orange, N. 4. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. JUN 1.8 1901 Mr. W. S. Mallory, V. P., JULY 20 1901 Orange, N. J. Dear sir:

Herewith find Shop Inspector's Report for June 15th, 1901.

411: Inspected one rough bottom half gear case. Path 724. This case has two holes about 1º from bottom telss it will require about 3/5° plue plue to fill these holes, is this to be accepted?

412: Inspected one upper half or left gear case. 011/gmard over shaft is 6-1/6 should be 6-1/6 a should be 6-Dear sir:-It was prescribe to, and the Inspected two rough pillow blocks bases O.K. Patt. 1507 Inspected 17 rough bases O.K. Patt 851. 416: In dia should be 6% Herewith find outside Inspector's Report for June 15th, 1901. and to be sponsaed.

S54: Third bent of Trestle Approach has "I" beam that frames dn top of column not riveted.

The state of column not riveted.

S55: Rock all the holes in angles where diler fearings set dn, of Runway of Rock Stock House and Weigher House and Runway of Rock Stock House and Weigher House and Runway of Rock Stock House Junel, mindt be filled. 13= must by so About half of the diagnoals of pipe stands in Main Tunnel have mnections not painted. connections not painted. Yours very truly, 5 # Saw this yesterday + said a ceeptof they could make it dight - as aring to their lightness they are and what difficult custings to or & * saw this also + think it can be used

THE EDISON PORTLAND CEMENT Co., SECIAL OFFICE: GIRAID BUILDING, PHILADELPHIA, PA. BANGE OFFICE: EDINGN LABORATORY, ORANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J., June 18th, 1901. JUN AC Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for June 17th, 1901. 7: Inspected five rough castings for 24" guide pulleys. All casings have nail holes in them. O.K. Pat. #776. 18: Inspected one rough sleeve for 24" guide pulleys. O.K. Pat.#775.
19: Nuts used to hold shearing pins are being made with four saw
outs. B. P. calls for three, will this be O.K.? TEE. B.P.B-392. D: Inspected 20 finished 38" idler pulleys. 19-0.K. Rejected one 3/16" space between stayes. o/1c' space setween stayes.

Inspected one rough plug for gear casing. O.K. Pat. #983.

Inspected two rough packing rings for gear cases.O.K. Pat. #714.

Rajected one rough feed roll hopper for Rock Stock Equac(case)
lugs too near centre. Pat.#821.

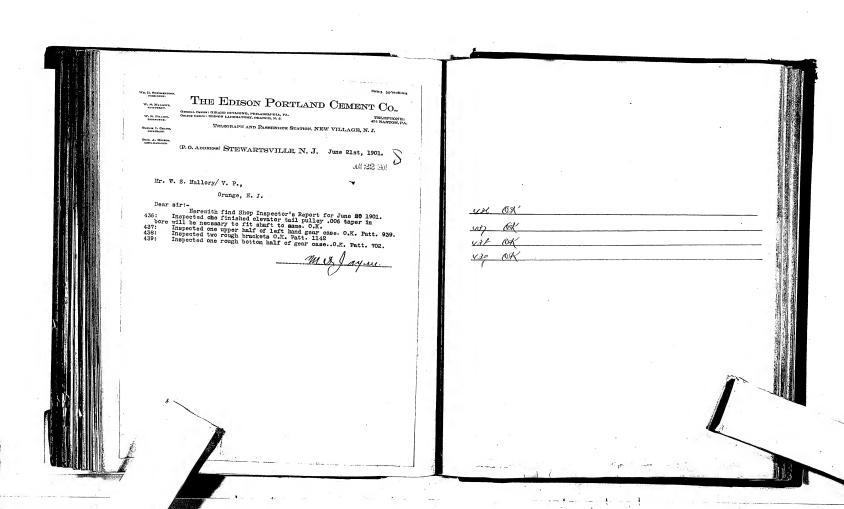
W. 19. Herewith find outside inspector's report for June 17th, 1901. 7: Tail pulley at bottom of Dryer has one stave broken. Probably caused by something falling from top of Dryer. REpille 8: In two pillow block caps of 3-15/18" dust proof bearing on Head Pullsy of Dyper thrust collar aid not position on account of draught of casting. On end at point of Tlagged danger or collar measures 1-9/16" and at largest diameter it measure us yield.
Width of collar is 1-1/2". The other is not quite as much. Those collars have both been squared off 1/8". arlande 1 10 Yours very truly, These are to secure core thigh enough up and to be harmful - S.

THE EDISON PORTLAND CEMENT Co., erral Opper : Girand Building, Philadelphia, Pa. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. June 19th, 1901. JUN 120 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Herewith find Shop Inspector's Report for June 18th, 1901. 424: Inspected one finished feed roll shaft for Rock Stock House O.K. Blue print B-369. Inspected 8 elevator buckets finished complete. O.K. Inspected 15 finished 38" idler pulleys. O.K.

THE EDISON PORTLAND CEMENT Co., Germal, Oppice : Chaud Building, Philadelphia, Pa. Crarge Oppice : Edimon Labonatory, Orange, N. J. TELEPHONE: 431 EASTON, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. June 20th, 1901. JUN 22 190! Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Herewith find Shop Inspector's Report for June 19th, 1901. Inspected 3 rough shafts Diameter 2-15/16" x 5'-8". 420: Ispected 11 shafts. Diameter :001 .001 .001 .0015 .002 .002 .002 .001 .001 Don't know what these shafts are to be used for:

Inspected two rough weighing bin feed roll shafts, O.K.
Diameter 3-3/6" x 9'-3' long. "

Inspected two rough receiving bin feed roll shafts O.K.Diameter 3-3/16" x 9'-8' long. " 431: Inspected one finished feed roll shaft for Rock Stock House O.K. Blue Print E-369. Inspected one finished pulley for 2nd 36" rolls O.K.B. P. A+120' 432: وفارين مأد Inspected two rough weighing bin gear shafts O.K. Diameter 2-15/16" 433 x 6'-4" long. -2-9/nspected one rough ditributing bin feed roll shaft 0.K. Dia. 2-9/nspected 100 rough shells for 24" guide pulleys 960.K. Rejected 4 (cause) oracked.



THE EDISON PORTLAND CEMENT Co., BRANCE OFFICE: CHICAGO HUILDING, PHILADELPHIA, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J., June 22nd, 1901. JUN 24 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find shop inspector's report for June 21st, 1901. Inspected 5 rough hoppers for Clinker Stock House. O.K. Pat. 441: Inspected 19 finished 38" idler pulleys. 0.K. Inspected 10 finished elevator buckets. O.K. 443: Inspected five rough Clinker Stock House chutes. O.K. Pat.#1506. Yours very truly,

THE EDISON PORTLAND CEMENT Co., BEAL OFFICE: GIRARD HULLDING, PHILADELPHIA, PA. SONE OFFICE: EDIHON LABORATORY, ORANGE, N. J. THERGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. June 24th, 1901. Jul 26 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Dear sir:

Norwith find Shpp Inspector's Report for June 22nd, 1901.

444: Inspected four finished 10° sharts at Betlehom Steel Works.

Couplings connecting to engines were a faced off after being research on shafts. 23′ sections of \$2′ angular to the face of the face o Our chaving A 420 says. Couplings to faced oft after being fitted to

445-	- OX
446	0K
447	as .
YYE	OX.
· VVg	OK
C. 2.0	ex.
<u> YJ-1</u>	<i>68</i> (
V52	64
453	OK ST
45J-	69X 69X
456	AN .
457	6K
VS	OK
4.59	OX . 90"
(N 2-1-2/2
f59	attended to a fifty
Pho	On grain "2" Illes
H.1.	100
. Alex	learns that era of propertienter Consequent

THE EDISON PORTLAND CEMENT CO., OBESTS OFFICE I OHARD BUILDING, PHILADELPHIA, PA. OBASSE OFFICE I EDINON LABORATORY, GRANDE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. TORSIO I. CRANS (P.O. ADDRESS) STEWARTSVILLE, N. J. June 26th, 1901. 元 27 90 Mr. W. S. Mallory, V. P., Orange, N. J. Daar sir:-Herewith find Shop Inspector's Report for june 25th, 1901.
Inspected two finished feed roll shafts for Rock Stock House O.K.
Blue Print B-369. Dive Frint n-cov.

In a fapered one rough lower half of gaar case Patt. 921. This case has a crack in wool packing, chamber 2-5/s long. Flange of pinion shaft wool packing chamber is so irregular that tool will come through when thread is out. Inspected 17 finished elevator buckets O.K.
Inspected one finished elevator tail pulley O.K.
Inspected one rough upper half of gear case O.K. Patt. 920
Shafts that are be used for elevator tail pulleys are iron
Blue Frint B-343 calls for steel 463: Herewith findbutside Laguettor's Repest for June 25th, 1901.

Examined and accepted three 5° and three 12° Expansion Joints
from Caldwell Willox Co. Castings and Workmanship Very good. Yours very yours, lue should have a good costing for this -

THE EDISON PORTLAND CEMENT Co., General Oppice: Cirand Bijleding, Philadelphia, Pa. Delrie Copice: Edinon Lahonatony, Orange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J., Juns 27th, 1901. Jul 29 1901 Mr. W. S. Mallory, V. P., Orangs, N. J. Dsar Sir:-Harewith find shop inspactor's report for June 26th, 1901. 6: Inspected three rough upper halves of right hand gear case oil guards on wrong side same as #412 - 6/17/01. Pat. #938. 57: Inspected ons rough upper half of left hand gear case oil guards on wrong sids same as #412 - 6/17/01. Pat. #939. Are these to be accepted? 468: Inspected 30 finished 38" idler pulleys 0.K. Inspected 413 rough plugs 0.K. Pat. #872. 470: Inspected one finished pullsy for 1st 36" rolls. O.K. ENKY B.P. A-121. I: Inspected five rough casings 0.K. Pat.#776 KERRECKERCOMERC...

2: Inspected five. rough casings 0.K. Pat. #1542.

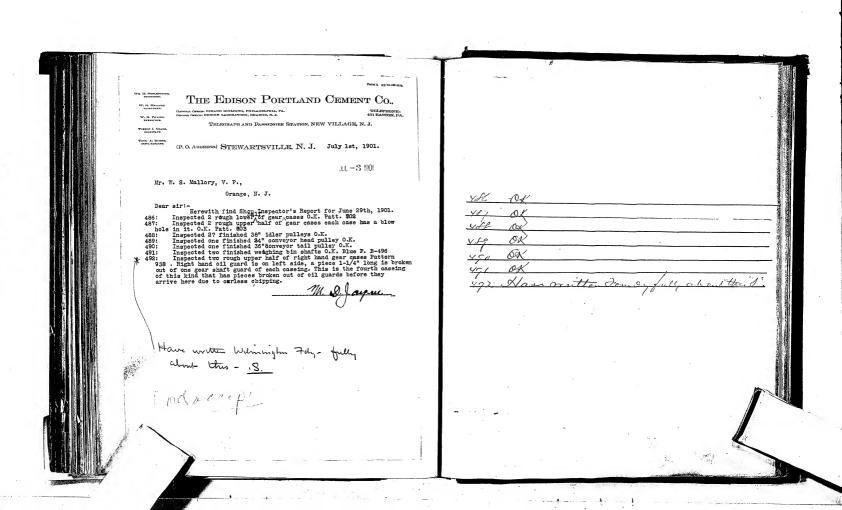
3: Inspected one rough upper half of gear case Pat. #1602. Pinion shaft packing ring Pat. #1605 is casted too case, this will be 0.K. Can be bored out and proper rings set in. Gear shaft packing rings are casted 1/2" Anside of case, one ring should be flush with inside of case, as this to be accepted? Br2. @E-535) 471: 472: 167 Have wrotten parties carling with reference to these Yours very truly,

46 7 Com un OR & Thepson	
407	
yer ox	
469 OK	
yr OK	
47/ OK	
Y7/ OK Y7) OK	
Y3 @K	

THE EDISON PORTLAND CEMENT Co., seal Oppice: Ginard Hullding, Philadelphia, Pa. ses Oppice: Edinon Lahoratohy, Ohange, N. J. THEISGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. June 28th, 1901. JUN 29 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Herewith find Shop Inspector's Report for June 27th, 1901 Inspected 17 finished elevator buckets 0.K. 475: Inspected two finished feed roll shafts for Rock Stock House. O.K. 476: Inspected one finished 36" guide pulley O.K. Inspected 20 finished 38" idler pulleys O.K. Herewith find outside Inspector's Report for June 27th, 1901.

4: Staves of idler publeys in Rock Stock House Tunnel are swelling and quite a few pulleys now have close joints between staves. This ✓ is due to the extreme dampness of Tunnel. 865: Pheonix Iron Co. have put guys through windows of Boiler House and have marred 2 sills with rope. Would think it necessary to nail strips of wood on them for protection. I that these stares what is the spiders well all remedy for the spiders well all Yours very truly,

WM. II. MERLERHOUR,	Porms 35'01-314-314.			
GENERAL GENERAL C	EDISON PORTLAND CEMENT Co.,			
	HARD BUILDING, PHILADRICHIA PA. PELEPHOND: PART HARDON, GLANGE, R. J. PELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.	=		
Tune, A. Essayon,	3			
(P. O. Address	ss) STEWARTSVILLE, N. J. June 29th, 1901.			
	Jul. 12 1901			
Mr. W. S. Mallo	ry, V. P.,			
Dear sir:-	Orange, N. J.	47F OX		
Horew 478: Inspected	ith find Shop Inspector's Report for June 28 1901. Il rough caseings for 24" guide pulleys 0.K. Patt. 776 Is rough halves of rough set collars 0.K. Patt. 955 one rough lower half of gear case Pattern #1605 wool s are cored 5-5/16" this is not enough to true yp thread. Ing rings project 1/2" inside of case one ring should sided of case. Left hand stuffing box is on right sided of case. Left hand stuffing box is on right one rough bracket 0.K. Patt. 16 ht B-438. one rough bracket 0.K. Patt. 936 7 rough slipping plates 0.K. Patt. 1735 44 rough aleeves for 24" guide pulleys 0.K. 11 rough caseings for 36" guide pulley 0.K. Patt. 1542.	-479	1 / 50	
479: Inspected 480: Inspected packing chamber	15 rough halves of rough set collars O.K. Patt.953	45 Can use" 6th	Miliger 8.	
gear shaft pack be flush with i	ing rings project 1/2" inside of case one ring should . side of case. Left hand stuffing box is on right	YF1 OX		
481: Inspected 482: Inspected	one rough bracket O.K. Patt. 1649.	482 OK		
483: Inspected 484: Inspected 485: Inspected	7 rough slipping plates O.K. Patt. 1735 44 rough sleeves for 24" guide pulleys O.K.	483 OK		
	Mu . 1	YRY OR		
	- M. O. Say we	<u>478 85</u>		
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Hay we storm to	enters constring botto reference to this -			÷.
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THE EDISON PORTLAND CEMENT Co., Gerell Office Ghand Building, Philadelphia, Pa. Gelete Office Edinon Labonatory, Orange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THERON I. CHARL. (P.O. ADDRESS) STEWARTSVILLE, N. J. July 2nd, 1901. Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Yours very truly, Workenwayy.

THE EDISON PORTLAND CEMENT Co., Gerhal Oppice: Girand Building, Philadelphia, Pa. Gerhau Oppice: Edinon Lahohatohy, Orange, N. J. TELEPHONE: TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. July 3rd, 1901. JUL - 5 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Herewith find Shop Inspector's report for July 2nd, 1901.
Inspected one rough pulley for 9" scraper conveyor O.K. Patt, 859
Inspected one rough bracket O.". Patt, 1649.
Inspected two rough brackets O.K. Patt, 1650 499: Inspected 31 rough sleeves O.K. Patt. 775.
Inspected 124 rough spiders Patt. 736. 109 O.K. Rejected 14 (cause) oracked.

inspected 25 finished 38" idler pulleys. 21 O.K Rejected 2 (cause) 3/16" space between staves.

inspected one finished tail pulley for elevator O.K.

inspected three rough osseings O.K. Patt.1542.

inspected 35 rough blocks for 24" guide pulleys O.K. Patt.1554.

inspected two rough caseings O.K. Fatt. 503: 01 Herewith find outside Inspector's report for July 2nd, 1901. 9: One diagnosi over 1st boiler in Boiler House(West) interferes with safety valve and will have to be out out about 2-1/2" deep to suit valve. "This will be attended to is Yours very truly,

THE EDISON PORTLAND CEMENT Co., GAL OPPOSE GIRARD HUILDING, PHILADELPHIA, PAC SER OPPOSE EDIMON LABORATORY, ORANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THRESH I. CRAYE (P.O. ADDRESS) STEWARTSVILLE, N. J. July 5th, 1901. JUL -8 (99) Mr. W. S. Mallory, V. P., Orango, N. J. Dear Sir:

Herewith find Shop Inspector's Report for July 3rd 1990.
18: Inspected 24 finished idler pulleys 23 O.K. Rejected one (cause)
19: Inspected 22 rough sleeves O.K. Patt. 775
10: Inspected 32 rough caseings O.K. Patt. 1542.
11: Inspected 5 rough caseings O.K. Patt. 1542.
12: Inspected 5 rough classings O.K. Patt. 1735.
13: Inspected 5 rough slipping plates O.K. Patt. 125.
14: Inspected or ruinshed tail pulley for elevator O.K.
16: Inspected or ruinshed tail pulley for elevator O.K.
18: Inspected 5 finished hoppers O.K. Patt. 1581. Dear Sir:-Od 513

THE EDISON PORTLAND CEMENT Co., RYERAL OPPICE: CHIAIID BUILDING, PHILADELPHIA, PA. RANGE OPPICE: EDINON LABORATORY, GRANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. July 9th, 1901. JUL 3.0 1901 Mr. W. S. Mallory, V.P., Orange, N. J. Dear Sir:

Herewith find Shop Inspector's Report for July 8th, 1901.
Inspected 6 rough sheaves for 9" soraper conveyor O.K. Patt.886
Inspected 4 rough caseings O.K. Patt.1842.
Inspected 0 rough caseings O.K. Patt.776.
Inspected 21 finished 38" idder pulleys O.K.
Inspected 22 rough spiders O.K. Patt.1632.
Inspected 22 rough spiders O.K. Patt.1633.
Inspected 22 rough spiders O.K. Patt.1633.
Inspected 28 rough spiders O.K. Patt.1633.
Inspected 28 rough spiders O.K. Patt.1633.
Inspected 29 rough frames for 9" soraper Conveyor. The flanges of these frames will be 3/32" to thin after being planed O.K.
Patt.865. Dear Sir:-516: 517: 518: Herewith find outside Inspector's Report for July 8th, 1901.
Examined friction rings for 5 foot Rolls from Morris 6to. Mach. &
Iron Co. The spaces between rings varify from 1/6* to 3/6*.
The width of face neasures 7-9/16. Blue print cells for 7-1/2*.
Corners of faces at flanges have 1/8 fillets. Blue print calls for Corners of faces at flanges have 1/8 fillets. Elue print calls for mapus square corners.
The chilled surface on one ring at corner is soft, otherwise chilled surfaces on all comes are very good. In various places chilled surfaces have spots that did not quite clearlin granding. One oil hole in one ring of each pair are drilled wrole portion of Elue print choice in one side. Brings from Dickson Hig. Co. have also been drilled this way. Fits of rings on disks are very good. Yours very truly,

THE EDISON PORTLAND CEMENT Co., Gressal Oppus: Oirard Indiading, Philadriahia, Pa. Osasus Oppus: Krison Landratory, Ohange, N. J. TELEGRAPH AND PASSENGER STATION. NEW VILLAGE, N. J. (P. O. Andress) STEWARTSVILLE, N. J. July 10th, 1901. JUL 11.11. 1901 Mr. W. S. Mallory, V. P., Orange, N. J. · sir:
Herewith find Shop Inspector's Report for July 9th, 1901.
Inspected 27 finished 29-1/2" idler pulleys 0.K.
Inspected 11 rough slipping blocks 0.K. Patt.1737.
Inspected 5 rough slipping plates 0.K? Patt.1735
Inspected 22 rough slipping plates 0.K. Patt.1735. 523: \$24: 525: 526:

THE EDISON PORTLAND CEMENT Co., TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE. N. J. July 11th, 1901. JUL 12 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear str:
Rerewith find Shop Inspector's Report for July 10th, 1901.

27: Inspected one finished gear caseing B. Frint B-418.1/a's to wide inside measurement. One rivet less than Blue print calls for in upper half of side angle irons. 5/8' bolts used instead of 1/2" not engal space to turn nuts. Brackets not riveted on this will be done enter case is put in place. Caseing will not be oil tight, is this to be Dear sir:-Plear Inspected one rough 24" feed roll for weighing house O.K. Patt.1614 Inspected one rough 21" feed roll for weighing house O.K. Patt.1612 Inspected 35 finished 29-32" idler pulleys O.K. 529: Howabouttles 527 Wate D+ ask him if he considers this oil case to be reasonably right +.
au right for the purpose for which
it is intended.

THE EDISON PORTLAND CEMENT Co., Gerreal Office: Ginard Humading, Philadelipha, Pa. Grande Office: Edinon Laboratory, Grange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. July 11th, 1901. JUL 1.3 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear sir:-Herewith find Shop Inspector's Repot for July 11th, 1901.
Inspected 17 cold rolled sharts for Clinker Stock House.
5 Shafts 2-15/16" x 9' 1" O.K. Blue Brint B-527. Inspected 12 finished left hand 24" guids pulleys O.K. Inspected 8 finished right hand guide pulleys O.K. Inspected 7 finished 29-1/2" idler pulleys. Herewith find Outside Inspector's report for July 11th, 1901.

871: In blasting stonein trench at Engine House #2; several sheets of corrugated from were punctured and dented. Several sheets to Engine 12 mat 1 mas 4 of concrete over same and 4" main comes to grade.

127 main has 4 of concrete over same and 4" main comes to grade.

128 main conted with Tar Enger. Amount of the Market of Several S Yours very truly,

THE EDISON PORTLAND CEMENT Co OR THE FINANCE AND ASSESSMENT AND COMMENT CO THE FINANCE AND ASSESSMENT COLORS R. A. THE FINANCE AND ASSESSMENT COLORS R. A. THE FINANCE AND ASSESSMENT COLORS R. A. THE FINANCE AND THE ASSESSMENT COLORS R. A. THE ASSESSMENT COLORS REPORT OF THE ASSESSMENT COLORS R. A. THE FINANCE AND THE ASSESSMENT COLORS R. A. THE ASSESSMENT COLORS	535 OK 536 (AleQuilla "S" 537 OK 534 OV 539 OX 5740 OX	

THE EDISON PORTLAND CEMENT Co., Gercial Opport Ginand Hillding, Philadhlipha, Pa. Grarge Opport Hillian Laboratony, Ohange, N. J. TELEPHONE: 431 EASTON, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. July 15th, 1901. JUL 16 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find Shop Inspector's Report for July 13 th, 1901. 1: Inspected 28 finished 29=1/2" idler pulleys 26 0.K.Rejected 2 (cause) flat stayes. 542: Inspected 2 finished weighing bin feed roll shafts O.K.
Blue Print B-496. 3: Inspected one finished distributing bin feed roll shaft O.K. Blue Print B-496. 544: Inspected one finished receiving bin feed roll shaft O.K. Blue Print B-496. 545: Inspected 5 finished shafts for Clinker Stock House. O.K. Blue Print B-527.

THE EDISON PORTLAND CEMENT CO.

W. S. Mallory, V. P.,
Orango, N. J.

Dear Sir:
Herewith find Shop Inspector's Report for July 15th, 1901.

14.7 201

15.6: Inspected 54 finished 1-15/16" idler bearings O.K. Blue by B-261

15.6: Some of the caseings for 24" and 36" guide pulleys leak very bear of instead of necessary to reject some of them. Gates should be ground off instead of necessary to reject some of them. Gates should be ground off instead of necessary to reject some of them. Gates should be ground off instead of necessary to reject some of them. Gates should be ground off instead of necessary to reject some of them. Gates should be ground off instead of necessary to reject some of them. Gates should be ground off instead of necessary to reject some of them across the part of the control of the course of them. Gates should be ground off instead of necessary to reject some of them across the part of the course of the cour

5: Tops of piers for columns of Clinker Grinding Elevator Tower are not being cleaned off throughly.

Yours very truly,

= Pacter write D to communicate with partie, easing. S

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THE EDISON PORTLAND CEMENT Co.. Gerria Office: Girand Hullding, Philadriffia, Pa. Cramix Office: Edinon Landratony, Ohange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P.O. ADDRESS) STEWARTSVILLE, N. J. July 17th, 1961. JUL 11.8 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:r Sir:

Esrewith find Shop Inspector's Report for July 16th, 1901.

Inspected 7 finished chutes for Climker Stock House O.K. Patt. 1666

Inspected 3 finished tall pulleys for 36° conveyors O.K.

Inspected one finished had pulley for 56° conveyors O.K.

Inspected 28 rough slipping plates O.K. Patt.1736.

Inspected 14 rough slipping plates O.K. Patt.1734.

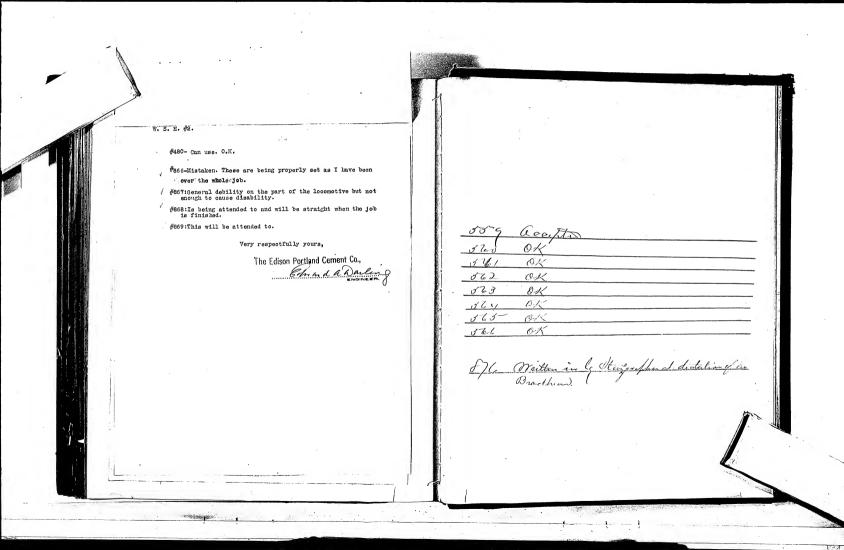
Inspected 55 rough slipping plates O.K. Patt.1737. 553: 554: 555: 556: 557

THE EDISON PORTLAND CEMENT Co., EAL OFFICE CHRAID BUILDING, PHILADELPHIA, PA. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. TREMON I. CHARE. (P. O. ADDRESS) STEWARTSVILLE, N. J., July 18th, 1901. In re Inspectors Reports. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Replying to your letter of July 12th in regard to the various items on inspectors reports I beg to state as follows: #844-Due to poor quality of the first paint we got. The sheets are now stored under cover. 370-These various discrepancies have been made good and the shafts are now delivered and in place. #411, 412-Have been over these gear casings and accepted those that it was possible to and have thrown out the rest. Have given the foundry the benefit of the doubt whereve possible. 853-This was an accident and has been made good as was evident on the face of it. 423-This was rejected as stated. #427, 428-These shafts are for scraper conveyor and as the castings have yet to be bored they will be 0.K. 859-Attended to. 860-0.K. 861-On again. 862-Came that way, of no particular consequence. 461-Rejected. #466, 467-Can use. O.K. 864:I am keeping fires in the tunnel to dry the air which will aleviate the above.

865: We think this a good suggestion have had it attended to.

_	009	acception	
	Ster	OK!	_
	15 161	OK	_
	062	OK	
	563	0-K	
	064	0/	_
	565	OK	
	561.	OK	

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THE PURCE. W. S. MALLOST. GERERAL OFFICE: GHAND RULDING, PHLADELPHA, P.
ORAMIN OFFICE: MILHON LABORATORY, ORANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THERON I. CHANG. THOS. A. EDGSON (P. O. ADDRESS) STEWARTSVILLE, N. J. July 19th, 1901. JL 22 11-Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find Shop Inspector's Report for July 18th, 1901.
Inspected 3 rough packing rings O.K. Patt.755.
Inspected 5 halves of rough set ochlars O.K. Patt.125.
Inspected 14 halves of rough set collars O.K. Patt.125. 568: 569: Inspected 14 halves of rough set collars O.K. F2AT./7.5. Inspected 24 halves of rough set collars Patt.116. ○ K. Inspected 5 halves of rough set collars Patt.116. ○ K. Inspected 26 finished 26 idler pulleys O.K. Inspected 26 finished 26 idler pulleys O.K. Patt.958. Inspected 3 rough elevator bucket castings. O.K. Fatt.958. Inspected frough frames for 9° scruper conveyor O.K. Patt.865. Inspected from Fatt. 1647. Fatt.1647. 571: Inspected one rough nowper v.a. ratt..com.

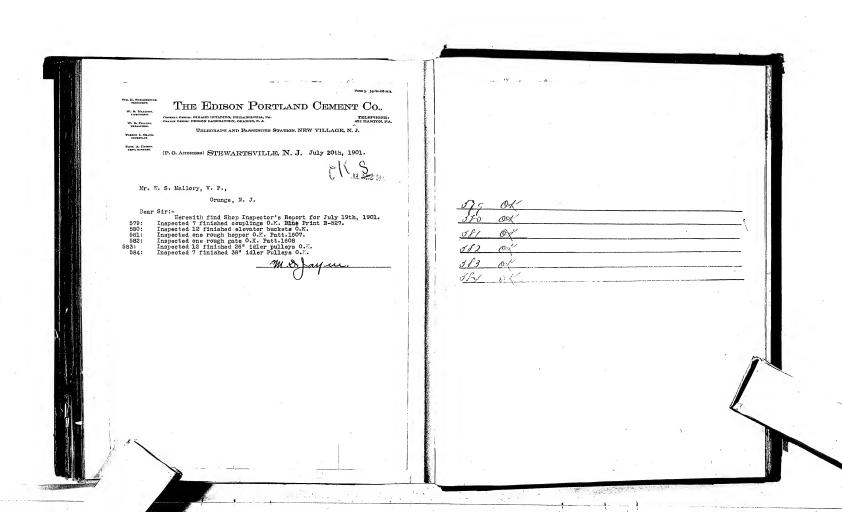
Inspected 2 rough lower halves of gear cases. Oil guards for shafts are cast on same as upper half. O.K. Patt.940.

Inspected 16 finished elevator buckets. O.K. Herewith find outside Inspector's Report for July 18th, 1901.

877: Manchine Shop Engine is poundwing. — Multicle Additional the Stop Engine is poundwing. — Multicle Additional the Stop Engine of 2-7/16'd dust proof bearings for foller feeded are being assembled regardless to to their numbers of corresponding bearings. When sharf was first put up temporatly with bearings that were laterstaken down and sent to Orange the packing rings of same were never taken off. Growt these rings are being used in other bearings and outsit will not go through the same the holes for them do not match. Stop of the match to be shimmed up 5/4' to 1/2'. — Multiple of the match to be shimmed up 5/4' to 1/2'. — Multiple of the match the statement of th **★** 878: * Have written D. about this - & Bakennay

THE EDISON PORTLAND CEMENT CO.. Densia Oppica : Ginaud Building, Philadelphia, Pa. Delen Oppica : Edinon Laboratory, Ohange, N. J. W. S. PERING TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. Tollier L. CHARE, (P. O. Address) STEWARTSVILLE, N. J. August 12th, 1901. In re Inspectors Reports. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Replying to your favor of the 9th inst inquiring about the following items on the Inspectors Reports would say. #870:We have changed the drilling of the oil holes and jut the rings on the Rolls. #527:Yes. 875:Columns have not yet been grouted. Will be cleaned off when this #876:This item was inadestently omitted by the stemographer and afterwards written with copying pencil. The purlines are straight enough to make very satisfactory job. #878: O.K. #879: Beams built in dry wall which has settled. #634: Waiting answer from Orange. Very respectfully yours, The Edison Portland Cement Co., Edward a. Janana.

567 0K 560 0K 570 0K 571 0K 572 0K 573 0K 574 0K
56 0K 57 0K 57 6K
576 OK
5/1 6x
5/1 6/2 5/2 8/2 5/3 6/2 5/4 6/2
5) 2 0K 573 0K 574 0K
573 OK
574 02
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THE EDISON PORTLAND CEMENT Co., General Office: GIRAHO HUILDING, PHILADELPHIA, PA. General Office: EDINON LABORATORY, GHANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THERON I. CHAPE, (P. O. ADDRESS) STEWARTSVILLE, N. J. July 22th, 1901. JUL 224 1901 Mr. ". S. Mallory, V. P., Orange, N. J. Dear Sir:-Herewith find Shop Inspector's Report for July 20th, 1901.
Inspected 7 finished elevator buckets O.K.
Inspected 15 slipping plates O.K. Patt.1734.
Inspected 48 rough loose plates for Rock Stock House Chute O.K. 587: Patt.1514. ::1514.
Inspected 2 finished chutes O.K. Patt.1606.
Inspected 29 firished 1-15/16 idler shafts O.K.
Inspected 13 finished 26° idler pulleys O.K.
Inspected 4 finished 36° idler pulleys O.K.
Inspected 4 finished 36° idler pulleys O.K.
Inspected 2 rough brackets for 9° soraper conveyor O.K. Patt.865. 581:

EDISON PORTLAND CEMENT COMPANY RECORDS

PLANT OPERATIONS -- SHOP INSPECTOR'S REPORT (1901-1902)

VOLUME II

THE EDISON PORTLAND CEMENT Co., & Gerral Copies : Gihand mullding, Philadhlphia, Pa. Gerrae Copies : Edison Langhatony, Okangs, N. J. TELEPHONES. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THEREN I. CHANK (P. O. ADDRESS) STEWARTSVILLE, N. J. September 7, 1901. 2EF 5187 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir: Herewith please find my report for September 1901 Examined 24" Rolls and find them as follows: 30 Roll Seemba Shafts of mandrils caliper, A - .026" to .028" below 8" 0 - .037" to .039" below 8". Slugger platss are worn considerable.

Borss of pillow blooks, caliperable.

#1 - 002" to 012" above 8"

2 - 098" to 098" " "

3 - 022 - ------ " " 4 - .051" to .058" Babbitt is cracked in all four, Is also loose in all four, Is very loose in two. Wood lining of two check plates is worn considerable. One inside chask plate has two inches of point broken off at intersection of radia for rolls. Thrust bearing is worn 1/32", Babbit is loose and worn thin in spots.

Two cheek iron oil casings will need several new wood half collars. hair collars.

1. Although the service of the servi able and need facing off. Yours very truly,

St. - ald nolls

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AN OFFICE OF GRADE BUILDING, PHILADELPHIA, PA. TELEPHONE: W. S. PILLING, TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THEORY I. COANT THOS. A. MOIRON, (P. O. ADDRESS) STEWARTSVILLE, N. J. October 2, 1901. OCT 3 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir: Herewith please find Shop Inspector's report for Oct. 1, 1901. 992 Inspected three finished idler pulleys. O. K., B - 493. 923 Inspected 26 finished idler willeys. O. K., B - 283. 924 Inspected 38 finished idler bearings. O. K., Patt. 733. 925 Inspected 38 finished idler bearings. O. K., Patt. 732. 926 Inspected 2 rough counter shart pinions. O. K. B - 470. 927 Inspected two finished out motor pinions. O. K., B - 470. Yours truly, Out side Inspector's Report for October 1, 1901. got - dried. 5.68 905 Angle of balcony on which roof purline frames are is 3" low at connection with column of Clinker Crusher Tower. Top of foundation where columns of Clinker Crusher House and Clinker or Crusher Tower set on, have not been thoroughly cleaned before grouting with cement. Willing asked knowle could server it

THE EDISON PORTLAND CEMENT Co.,

General Gefics : Ghiand Ruilding, Philadelphia, Pa. Orang Oppics : Edimon Langhatony, Ghange, N. J.

TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.

(P. O. ADDRESS) STEWARTSVILLE. N. J. October 7, 1901.

Mr. W. S. Mallory, V. P., Orange, N. J.

Dear Sir:

Replying to Mr. Edison's inquiry about item 906 of out-side Inspector's report of October 2, these foundations were swept off \underline{before}

Very respectfully yours,

The Edison Portland Cement Co.,

Edward a Sashor

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gos- Fixed. E.a. 8.

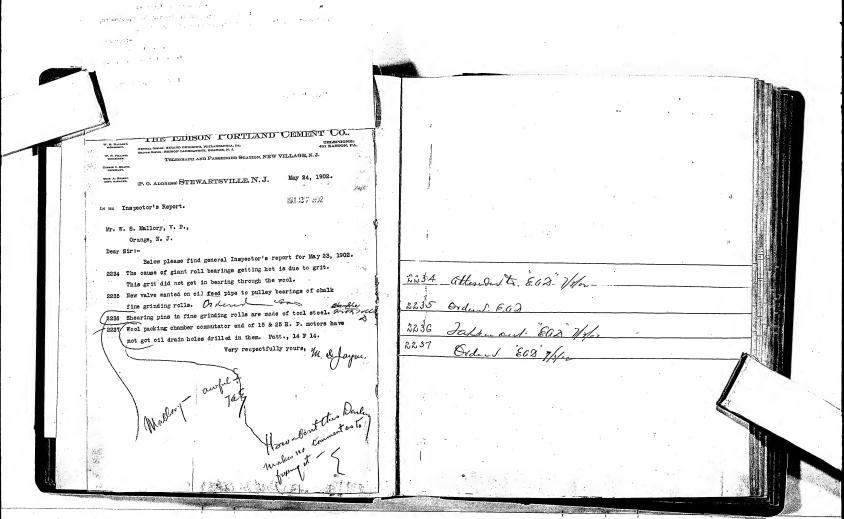
THE EDISON PORTLAND CEMENT Co., TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. October 16, 1901. OCT 19 1901 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir: Below please find Out-side Inspector's report for Oct. 16, 1901. 915 Roof of Engine House No. 1 is rusting. Angles on top of roof purlins on shaft lean-to of Clinker Gr. House, strikes on 10" channel causing a bow of about 1-1/2" on each at both ends. 916 Centre distance of cast gears of head pulley and intermediate shafts in head house of Small Rock Stook House is 3/16" too wide. Are chipping teeth of gears to make distance right, so as to be able to assemble gear casings. 917 918 Suspender bars of Weighing Bin Scales have no clearance between Buspender cars of weighting and selection of the selectio aackeunany.

Ge	Perms y Yel-SM.	11	
	THE EDISON PORTLAND CEMENT CO., With Name of the Control of the Co		1
	(P. O. ADDRESSA) STEWARTSVILLE, N. J. October 17, 1901.		
)	Mr. W. S. Mallory, V. P., Orange, N. J.		
	Dear Sir: Below please find Shop Inspector's report for October 16,,1901.	and the	
	1002 Inspected one rough lower half of gear case. Patt. 1693. (Same as paragraph No. 994)	5.	1000 01
	1003 Inspected three rough pedistals. O. K., Patt. 1677.	N. Au	100/ 00
	1004 Inspected two rough lower halves of gear cases. O. K., Patt. 724.	1	1000 OR
	1005 Inspected one rough upper half of gear case. O. K., Patt. 725.		: loodo of
	1006 Inspected 7 rough R. H. guide pulley caseings. O. K., Patt. 776.	de la companya de la	1007
	1007 Inspected 30 rough idler bearings. O. K., Patt. 731.	1	John OK
5	1008 Inspected six rough gates. O. K., Patt. 1662.		1009 6th Ocal Order on "EGS"
	1009 Inspected 19 rough clamps for hoppers. O. K., Patt. 1609. Very respectfully yours,		470
	M. Spayne.	diversity of the second	GIG Phoenix A Dish "E.as"
	i. of my me.		917 Only thing cands &as
1	John J.	investments	git Irales de mot gui mis truma, lestifes dal people
		Sales Co	
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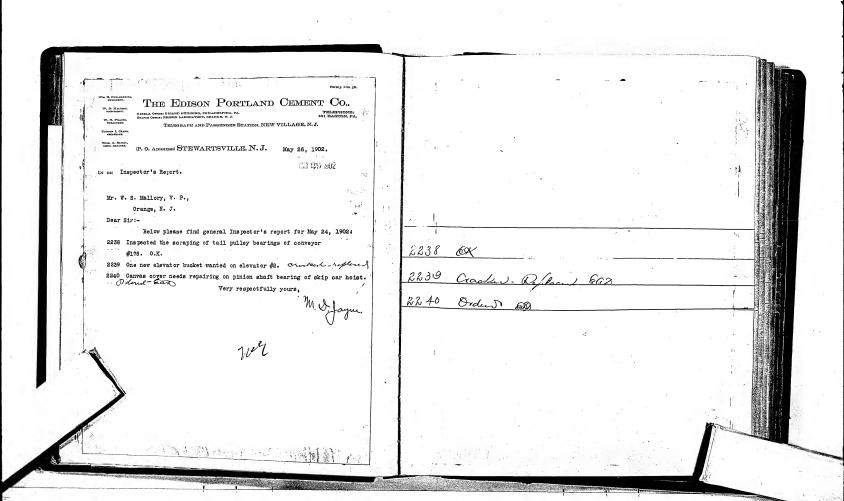
EDISON PORTLAND CEMENT COMPANY RECORDS

PLANT OPERATIONS -- SHOP INSPECTOR'S REPORT (1901-1902)

VOLUME III

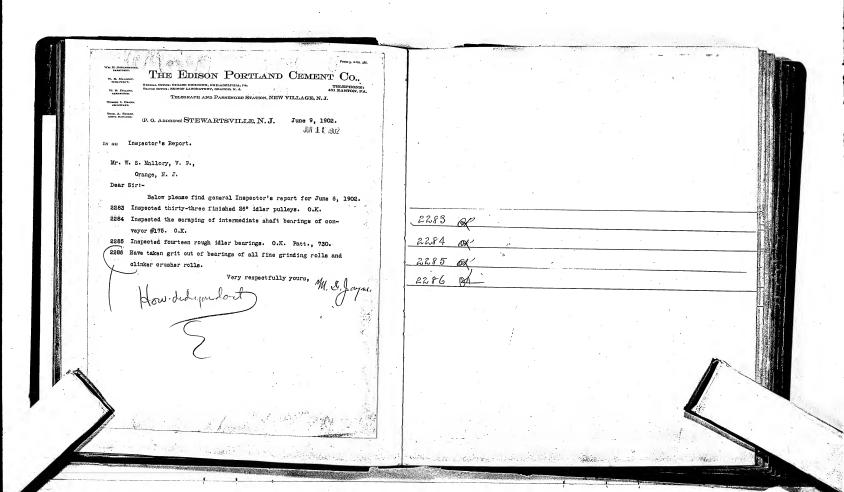


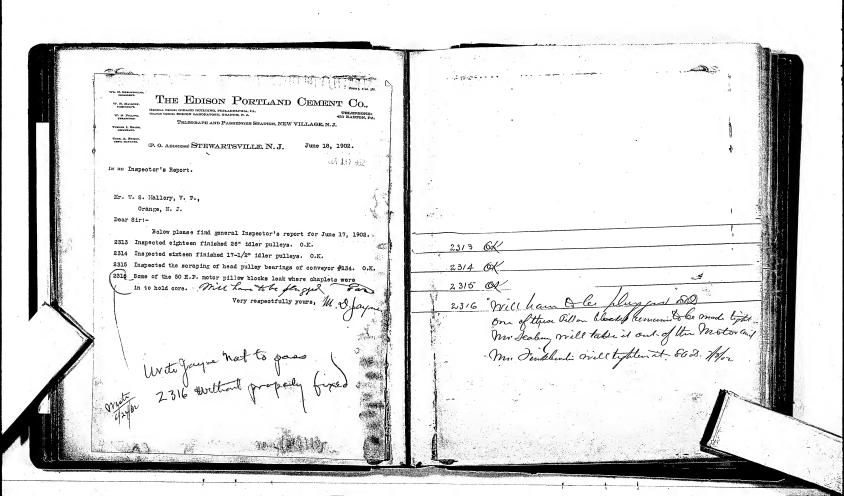
THE EDISON PORTLAND CEMENT Co.. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. ADDRESS) STEWARTSVILLE, N. J. July 3, 1902. JUL 8 197.2 IN RE Inspector's Reports: Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-In answer to your letter of the 30th ult., in reference to Inspector's reports beg to report as follows: √ No. 2234, attended to. Eist attended to E. G. 2" Vefor-No. 2236, taken out. No. 2237, ordered. \surd No. 2246 to 2258 inclusive, being attended to by Edison Mfg. Co. √ No. 2275, written about. No. 2279, written about. No. 2287 no comment. /No. 2292, written about. / No. 2300, O.K. Very respectfully yours, The Edison Portland Cement Co.,



Porms, a to 2, 3M.	
THE EDISON PORTLAND CEMENT Co.,	
Greek Owner Girand Bullding, Pathadriphia, Pa.	
TELEGRAPH AND PASSENGER STATION, NEW VITLAGE, N. J.	
Финне 1. Омите, мескорару,	
CP. O. ADDRESS STEWARTSVILLE, N. J. May 28, 1902.	
IN HE Inspector's Report.	1
IN RE Inspector's Report.	
Mr. W. S. Mallory, V. P.,	
Orange, N. J.	
Dear Sir:-	
Below please find general Inspector's report for May 27, 1902:	
2246 Inspected one 15 H.P. motor machine #14, the following is the con-	[224G]
dition: Groves of foundation plate Patt., 14 F 5 are out of centre	V-VA-TO
with shaft 1/32" per foot.	3247
2247 Groves of Patt., 14 F 5 are cut of parallel with shaft 3/32" per foot.	
2248 Groves of Patt., 14 F 5 are cut of parallel with each other 1/32" per ft	2248
2249 Holes in Patt., 14 F 5 are drilled out 1/8" in length and 1/16" in width	2249
2250 The foot of Patt., 14 F 1 are out of true 1/32" and holes are drilled	
out 1/8".	2250
2251 1/16" Difference in distance from foundation plate to bearings. 2252 Sharts have a very rough file finish.	2251 Box of 1 1 1 1 81: 0 1 5 600-101
2253 About one tenemental as and the	The superior of contract of the cut of 1/0/2
2255 About one teaspoonfull of and iron chips & putty in each bearing. 2254 Sand in oil plugs & oil drain grove of each bearing.	2252
2255 Oil drain hole not drilled in commutator end of bearing. Patt., 14 F 14	2,253
2256 Babbitt not chipped off of ends of bearings, liable to come loose	2254
and get in bearing.	2255
2257 Cap screws were not looked that secures thrust plate.	
2258 The rest of the motor apparently is 0.K. This is the first material	2256
that has been thoroughly inspected.	2257
was the ment of very respectfully yours, MM & Jayne.	225

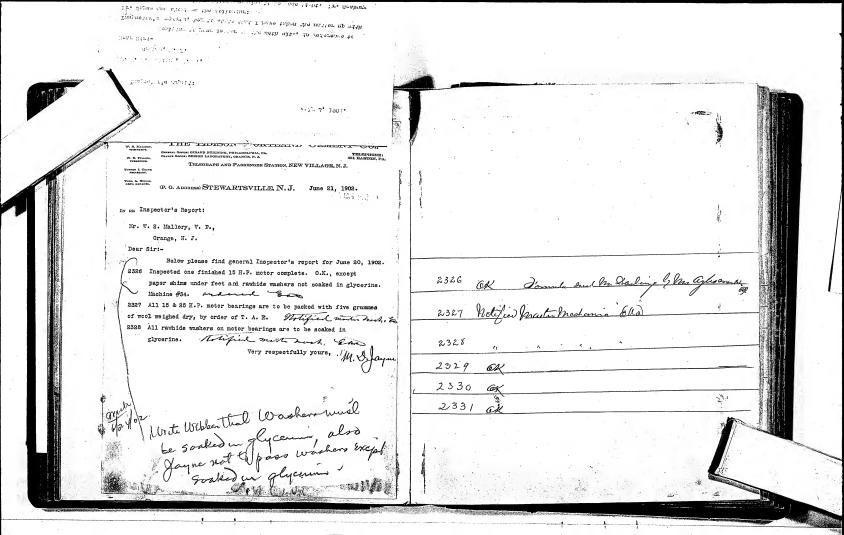
THE EDISON PORTLAND CEMENT CO. WAS A MANUAL OWNER ORDINARY CHILDRENG CHILDRENG AND A DEAD OF THE ADDRESS AND ADDR	2259 COX 2260 OX
veyor #133. O.K. 2261 Inspected five bearings of roaster #2. These bearings had no grit in them. 2262 Inspected the bearings of #1 and #2 cooler. All had grit in them. These bearings are being cleaned. Very respectfully yours, M. & Joyne. The Contest of the second of the secon	2267 Beauty Chan (60)

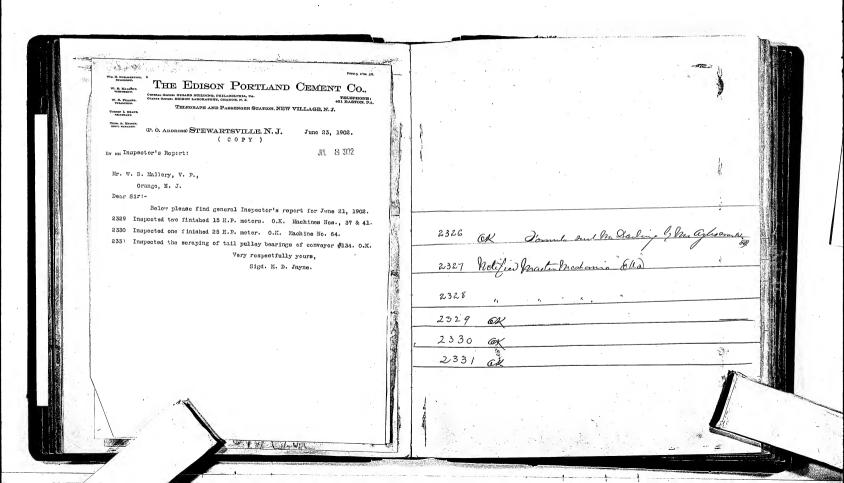




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We II THE EDISON PORTLAND CEMENT Co.	*		
W. S. MALAGEN, THE EXPLISION I ORECTAIND CHIMENT CO., ORECTAIN OF THE PROPERTY OF THE PROPERT	₹ • • •		
TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J.			
Tome A. Homos, order Reference P. O. Addressel STEWARTSVILLE, N. J. June 20, 1902.			
IN RE Inspector's Report:	,		4
Mr. W. S. Mallory, V. P.,	V		
Orange, N. J.			
Dear Sir:- Below please find general Inspector's report for June 18, 1902.	f		
2317 Inspected the scraping of intermediate shaft bearings of con-	22.7		
veyor #134. O.K. 2318 Inspected the assembling of coal crusher roll plates. O.K.	2317		-
2319 Lock washers wanted on retaining screws of magnet pole tips of motors.	2318 W		
on The Thickhinder Very respectfully yo urs,		1	7
M.S. Jayan	-2319 notified Findlender Eas.		
	This is done lafon on	of motors.	842 //
			102
$-m$ α			
Walls 2319			
or ford of Notify Yayu that 2319 must be locked -		ð	
Must be locked			
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Land Stranger Stranger Stranger			

THE EDISON PORTLAND CEMENT Co., BLL CYPER: GIRARD BUILDING, PHILADELPHIA, PA. MR CYPER: EDISON LABORATORY, GRANGE, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. (P. O. Address) STEWARTSVILLE, N. J. June 20, 1902. 1 The 1812. IN RE Inspector's Report. Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Below please find general Inspector's report for June 19, 1902. 2320 Inspected two bearings for #41 - 15 H.P. motor, threads are strip-2320 ped in oil plug holes. This will be remedied by bushing holes. ak. 2321 Inspected one 15 H.P. motor complete, paper shims under feet, lock 2321 washers wanted on field screws, otherwise O.K. /2322 Shaft is marred in bearing of #129 - 50 H.P. Motor. Traffin Thekbula 2322 2323 Inspected the cil wells of #125 - 127 - 128 - 129 - 130 - 131 - 50 H.P. motors for sand. O.K. 2323 2324 Oil well of \$125 - 50 H.P. motor leaks. notique Finkburder to fix 2325 Inspected the bearings of #11 motor. O.K. 2324 Very respectfully yours, M.S. Jague 2325





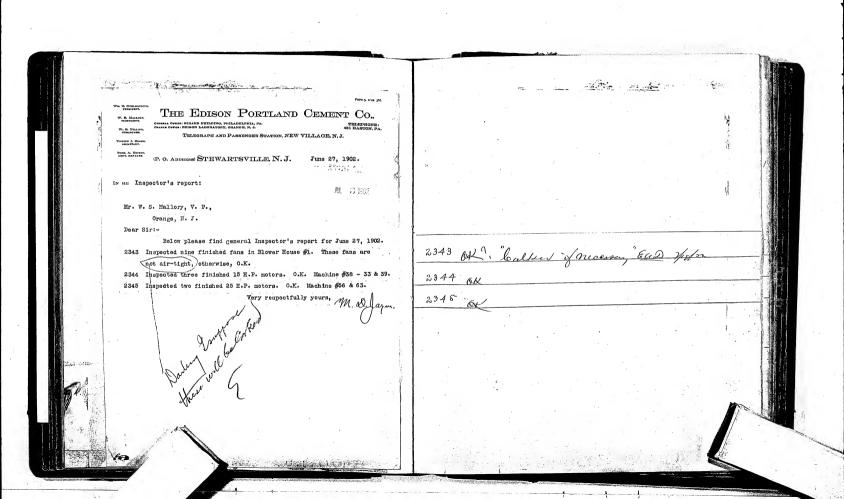
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Martin Street	A SANDA
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Wa II, Senandara	
THE EDISON PORTLAND CEMENT CO.	
OFFIRE OFFICE GIRAGE DUILDING, PHILADELPHIA, PA. TELEPHONE: W. H. Pigling, Graves Office: EGIBON LABORATORY, GRANGE, N. J. TELEPHONE: 431 EASTON, PA.	
Telegraph and Passenger Station, NEW VILLAGE, N. J.	
Thos. A. Helmon.	
(P. O. Address) STEWARTSVILLE N. J. July 3, 1902.	
JUL 9 1902	
IN NE Inspector's report:	
Mr. W. S. Mallory, V. P.,	
Orange, N. J.	
Dear Sir:-	
Replying to your letter of the 24th ult., in reference to	
Inspector's reports, beg to state that I have taken the matter up with	
Mr. Jayne and obtained the following: 2316 One of these pilley blocks remains to be made tight. Mr. Seabury	Of Somula Sent in Sailing your agustion of
will take it out of the motor and Mr. Finkbeiner will tighten it.	2326 OK D'and and In Dailing & has aglisance
2319 This is done before we O.K. motors.	2327 Notiting Pace to Mechania (Ala)
2322 Kr. Finkbeiner will fix this. This shaft was marred before	to the state of th
motor came here.	
2324 No. 2316 covers this.	2328
2326 Paper shims have been replaced by metal. O.K. Rawhide washers	2329 60
will be treated with glycerine as soon as we recieve formula from	2329 62
Orange.	2330 GX
Very respectfully yours,	2330 GX
The Edison Portland Coment Co.	2331 64
August The Edison Contains Comment of	
Muse of Marine	
Level out how to do it	
5	
The state of the s	

W. S. PILLING, GRANGE OWIGE, EDISON LADORATORY, OHANOE, N	DRTLAND CEMENT CO., THEREFORE PAR SM. THE STATION, P.A. BER STATION, NEW VILLAGE, N. J.		4.				A A A A A A A A A A A A A A A A A A A	
UP. O. ADDRESS STEWARTSV. IN HIS Inspector's Report:	JH 3 502							
Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:- Below please find general	Ingrector's report for June 23, 1902.							
2332 Chutes from sorew conveyor to a 2333 Inspected sixteen finished 17-1 2334 Inspected two finished 15 H.P. 2335 Inspected one finished 25 H.P. 2335	coller feeds have bad joints, in Coal B /2" idler pulleys. O.K. notors. O.K. Machines #11 & #32.	r.	2332 20	le calker				
Ve	y respectfully yours, M. S. Jayna.		2334 6	× .				
						*		
					*.		The same of the sa	

We II. PRINCESSES. THE EDISON PORTLAND CEMENT CO., ORNALL Green STRING PRINCESSES, W. S. Dilled,	
THE IN THE SECOND STEWARTSVILLE, N. J. June 25, 1902. IN ME Inspector's report: 1 10 1002	
Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-	
Below please find general Inspector's report for June 24, 1902. 2336 Inspected forty-seven rough packing rings. O.K. Patt., 1976. 2337 Inspected for rough hubs for guide pulleys. O.K. Patt., 887. 2338 Inspected four finished 15 H.P. motors. O.K. Machine #58-4-22 & 27.	2336 OK
Very respectfully yours, M. S. Jaym,	2.338 602
7099	10

J. 344

THE EDISON PORTLAND CEMENT Co., General Copics: Girard Building, Philadelphia, Pa. Orange Copics: Edison Laboratory, Grange, N. J. TELEGRAPH AND PASSENGER STATION, NEW VILLAGE, N. J. THRESH I. CHARR, THOS. A. HOISON, ORN'L HANAUER. (P. O. ADDRIGSS) STEWARTSVILLE, N. J. J. 27 90 IN RE Inspector's report: JEL G 8002 Mr. W. S. Mallory, V. P., Orange, N. J. Dear Sir:-Below please find general Inspector's report for June 25, 1902. 2339 One rope of scraper conveyor #184 has a piece 61' long spliced in it, this was done because rope was too short. 2340 Inspected one finished sheet iron gear case for R.S.H. exhaust fan. O.K. 2341 Inspected five finished 15 H.P. motors. O.K. Machine Nos., 40 -18 - 7 - 28 and 16. 2342 Inspected one finished 25 H.P. motor. O.K. Machine No. 61. 2341 GX Very respectfully yours, 2342 OX



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Thomas E. Jeffrey Lisa Giteiman Gregory Jankunis David W. Hutchings Lesiie Fields Theresa M. Coilins Gregory Field Aldo E. Salerno Karen A. Detig Lorie Stock

Editors

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